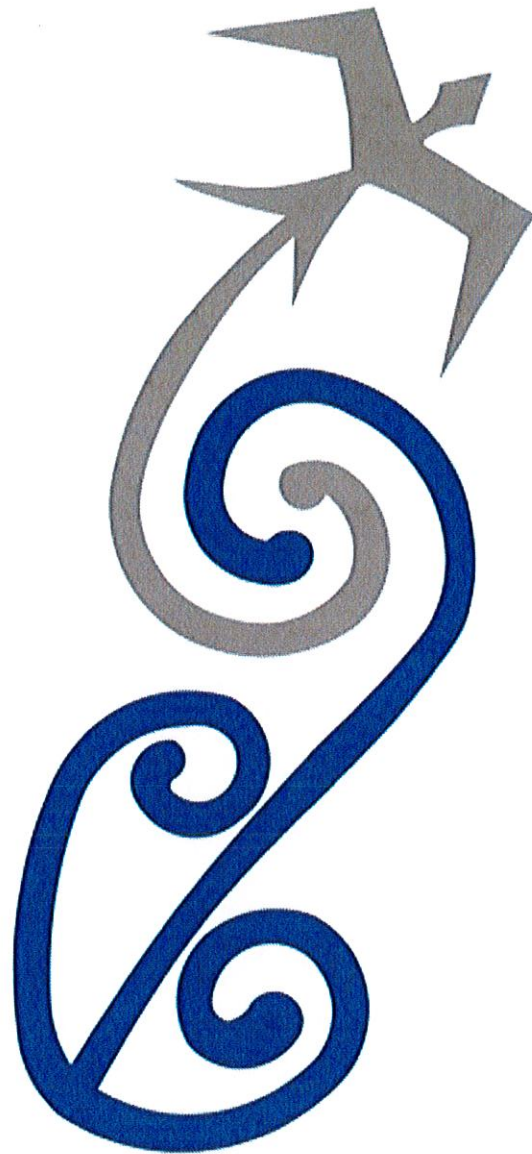
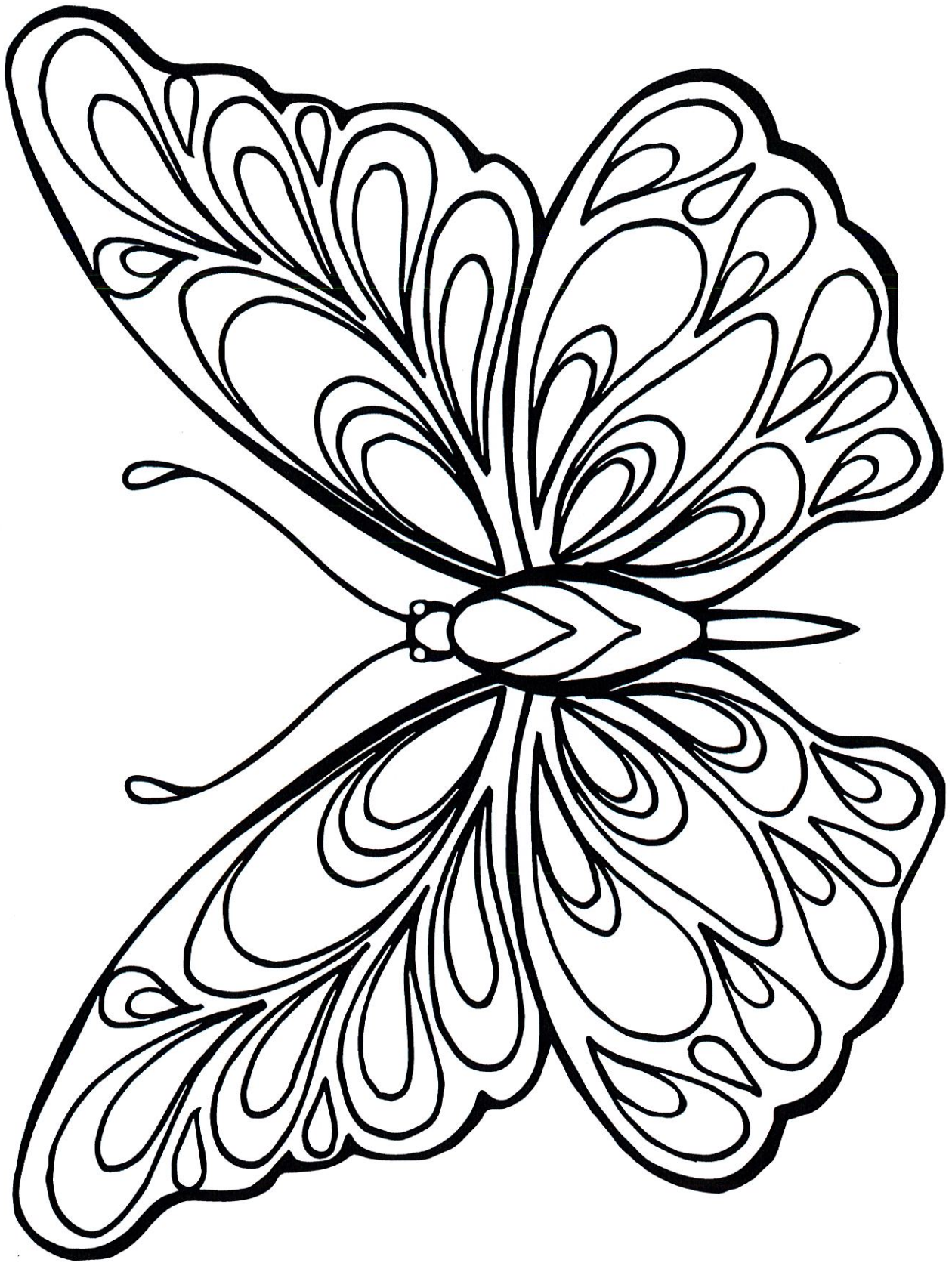


Manurewa
Intermediate
Home Learning Pack

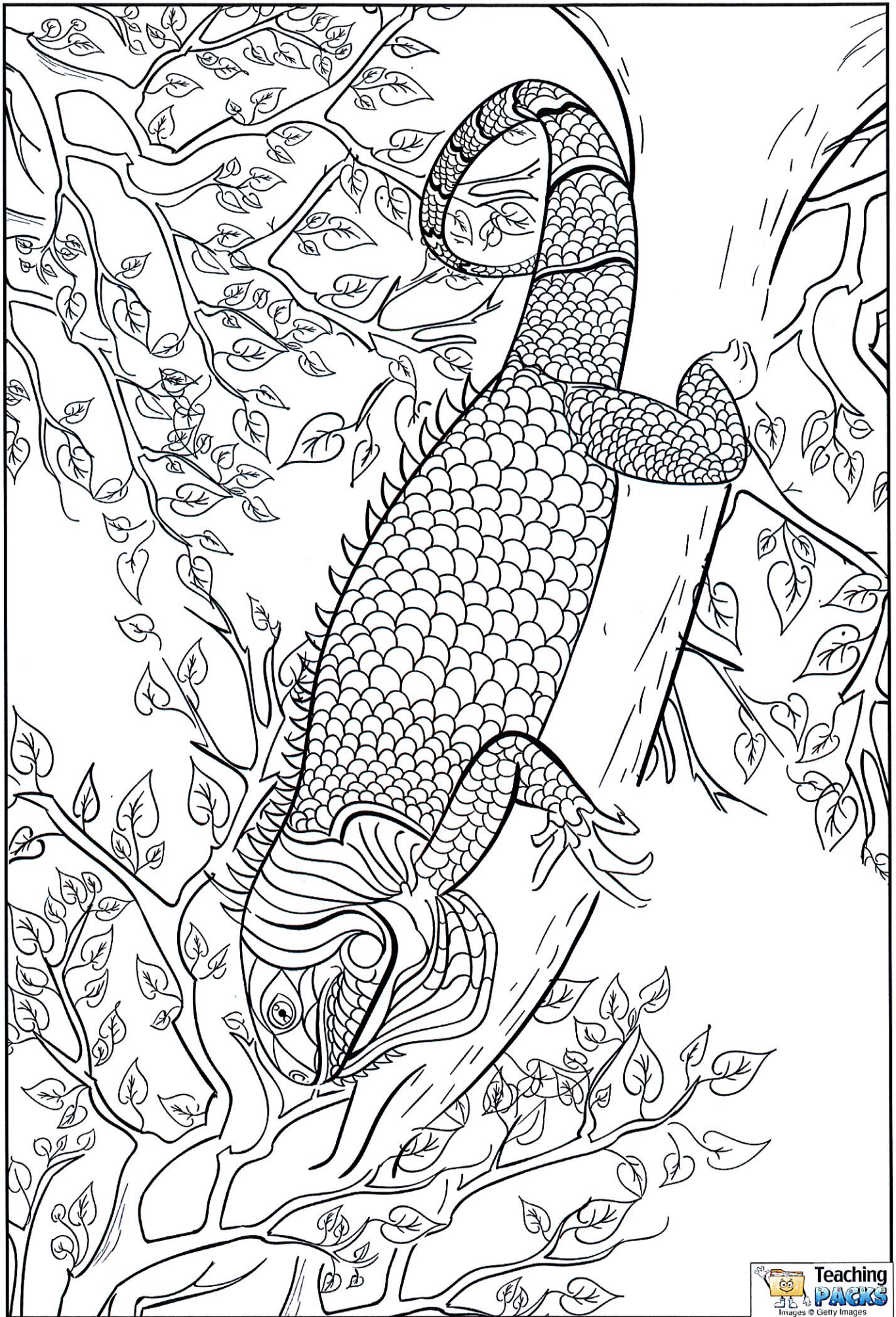


Hard Packs for Whaanau
August 2021

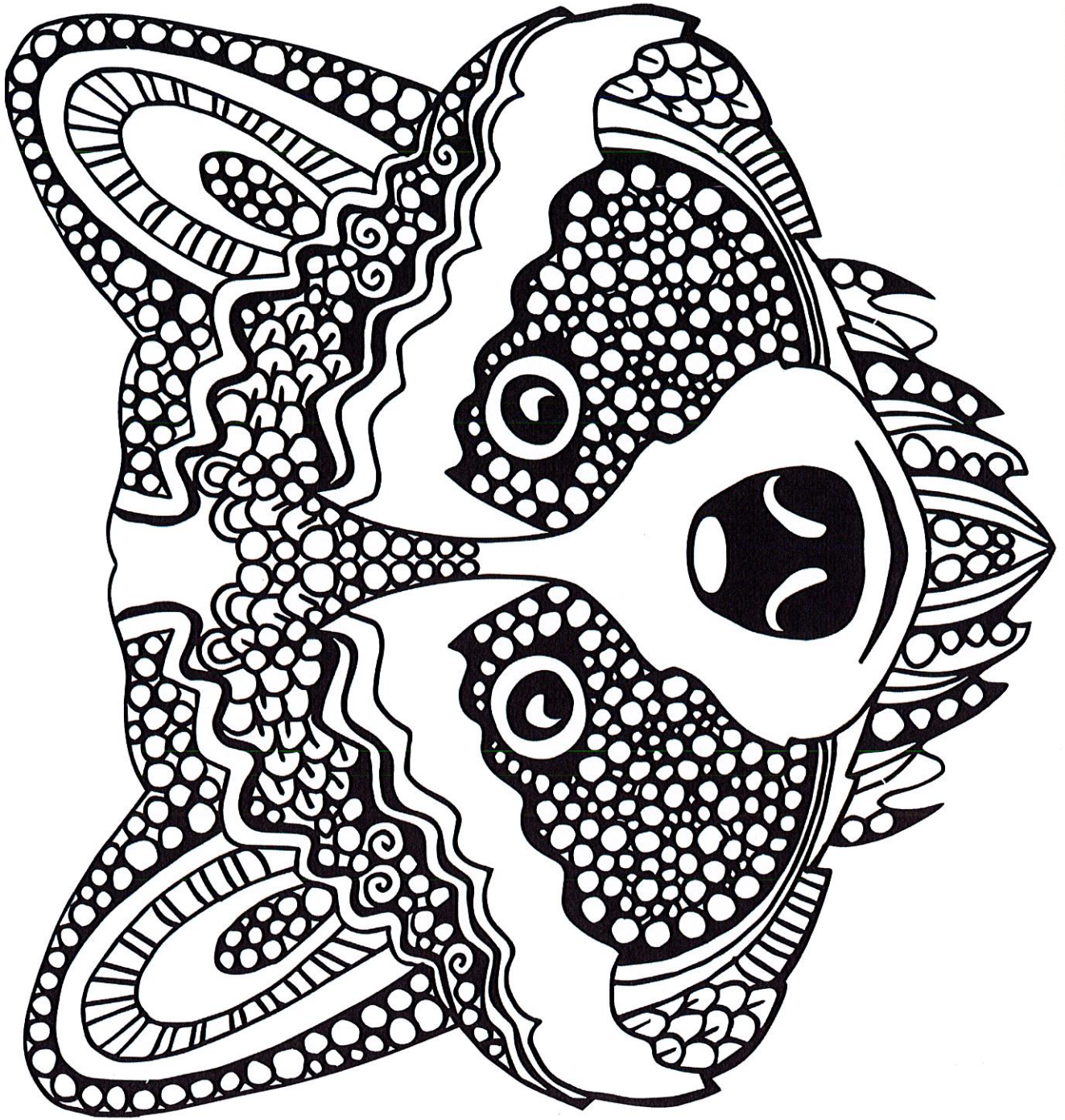


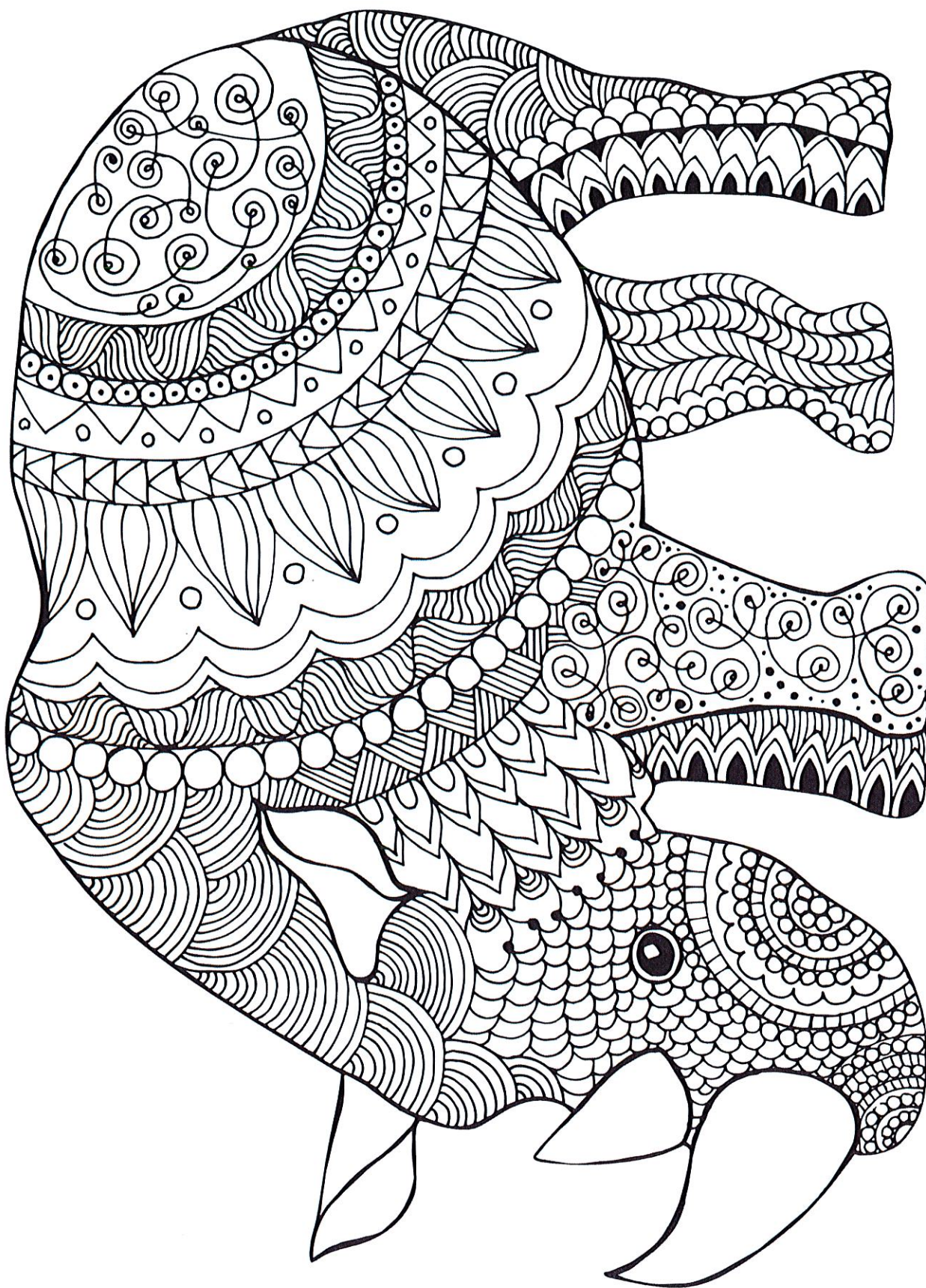


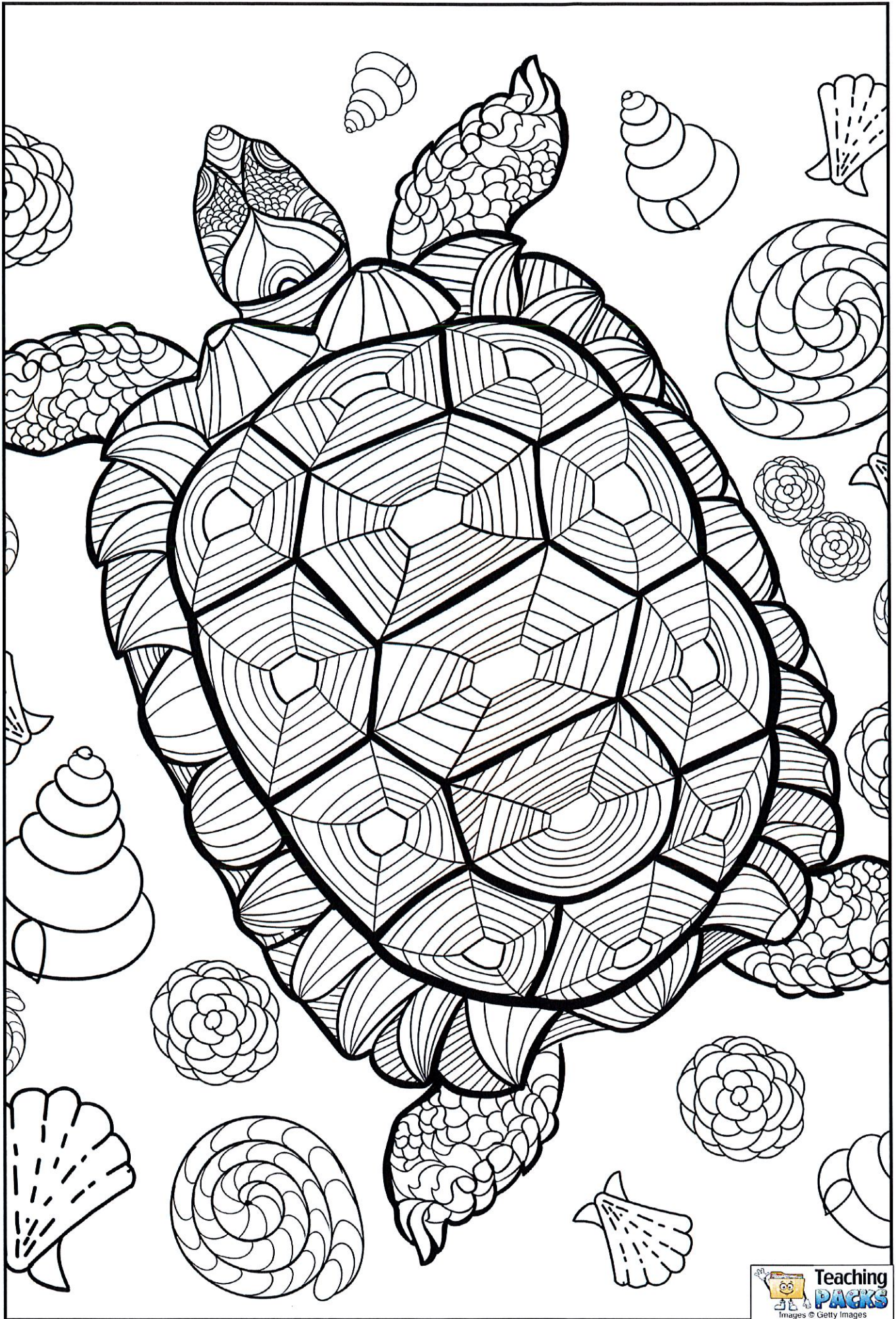


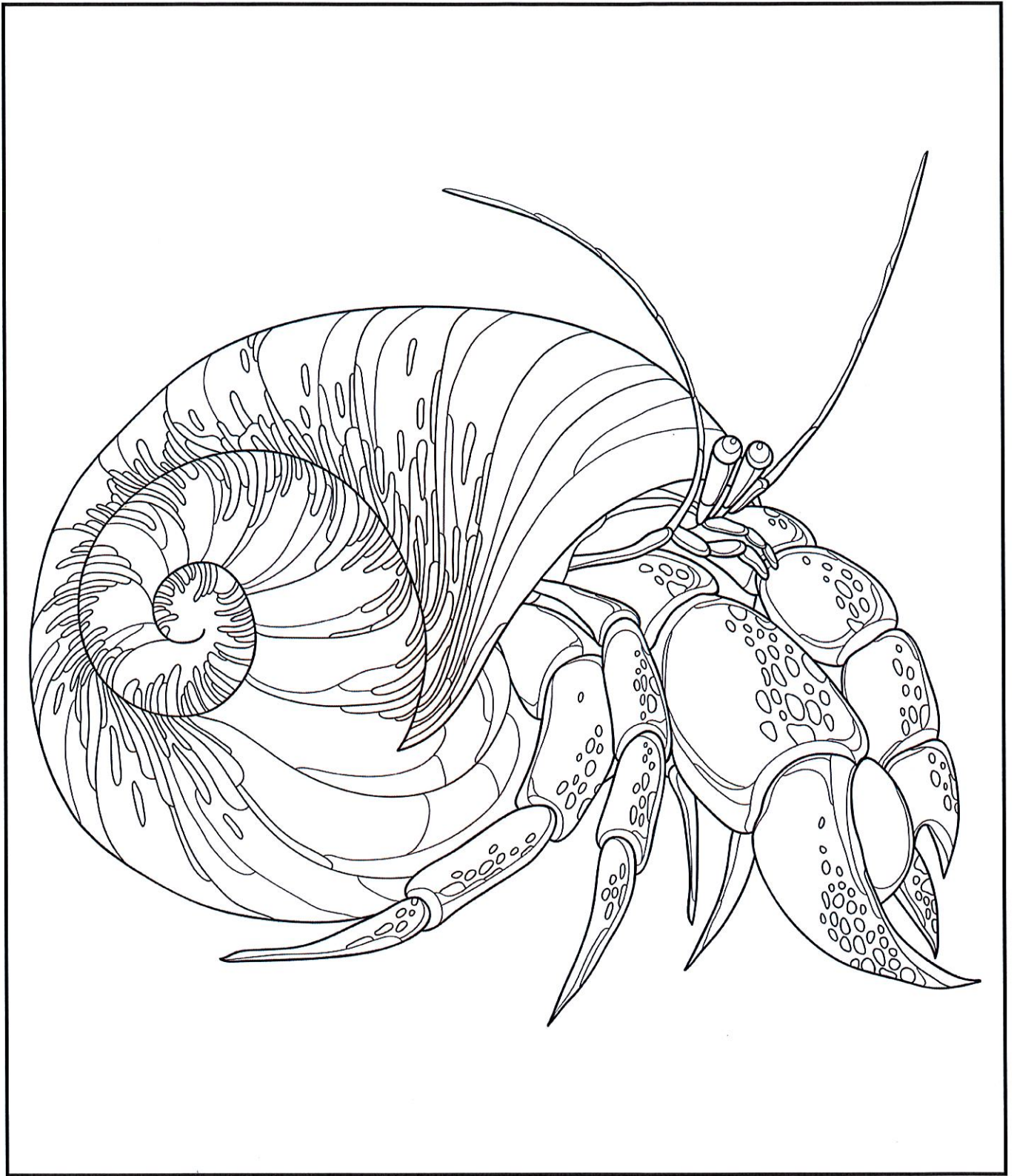


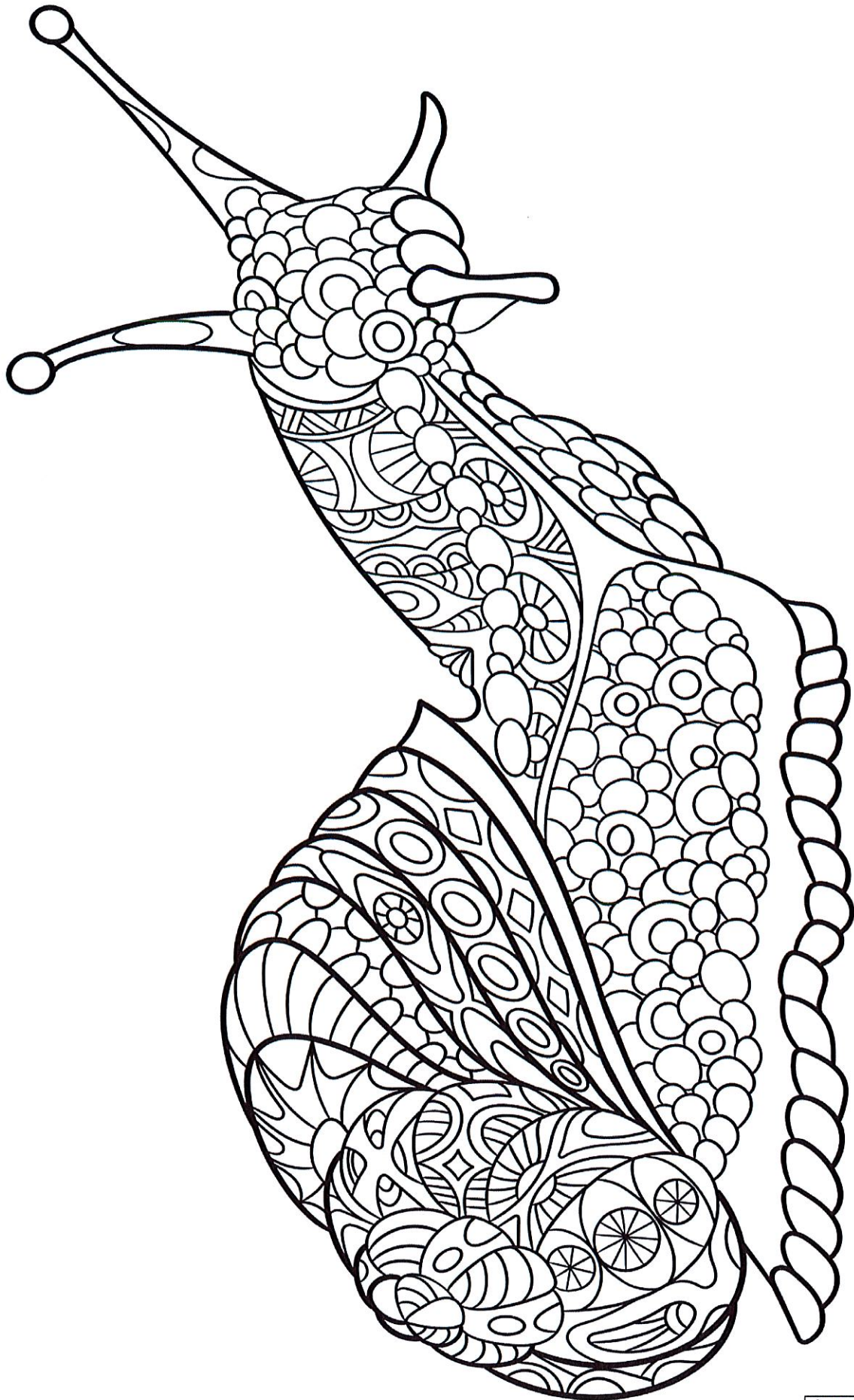










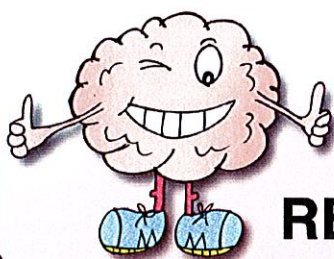


A		N	
B		O	
C		P	
D		Q	
E		R	
F		S	
G		T	
H		U	
I		V	
J		W	
K		X	
L		Y	
M		Z	

A to Z

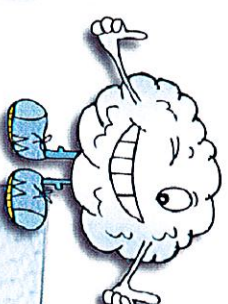
Can you think of words,
beginning with every letter of
the alphabet, that are linked to:

books?



REMEMBER

Pros and Cons



EVALUATE

What are the
pros and cons of...
**Keeping wild animals
in zoos?**

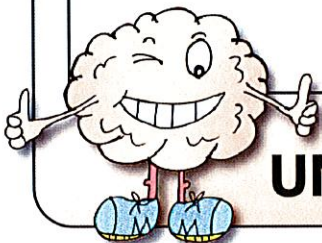


Pros	Cons

The answer is...

apple.

What is the question?



UNDERSTAND

Mad Inventions!

Invent a cup of tea
that stirs itself.



DESIGN

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Mad Inventions!

Invent a
mobile toilet.



DESIGN

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Mad Inventions!

Invent a motorised rocking
chair that drives places
while you are asleep.



DESIGN

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Mad Inventions!

Invent shoes that can clean
the floor while you walk.

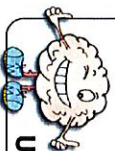


DESIGN

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How many ways can you...

... draw a picture?

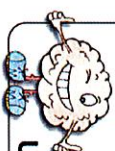


UNDERSTAND

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How many ways can you...

... communicate
with a friend?



UNDERSTAND

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How many ways can you...

... make somebody smile?

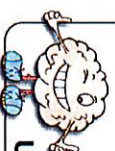


UNDERSTAND

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How many ways can you...

... wash a dirty car?



UNDERSTAND

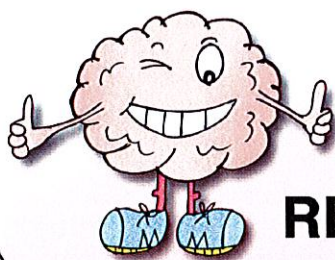
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A		N	
B		O	
C		P	
D		Q	
E		R	
F		S	
G		T	
H		U	
I		V	
J		W	
K		X	
L		Y	
M		Z	

A to Z

Can you think of words,
beginning with every letter of
the alphabet, that are linked to:

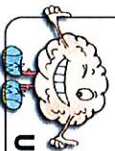
sport?



REMEMBER

How many ways can you...

... make a new friend?

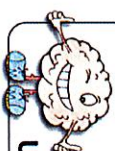


UNDERSTAND

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How many ways can you...

... learn something new?

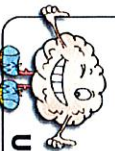


UNDERSTAND

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How many ways can you...

... make your
heart beat faster?

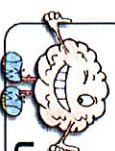


UNDERSTAND

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How many ways can you...

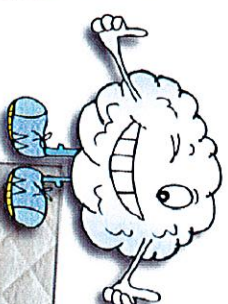
... teach somebody
to dance?



UNDERSTAND

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Pros and Cons



EVALUATE

What are the
pros and cons of...
**Children choosing
their own bed time?**



Pros

Cons

Write some instructions...

... to teach people
how to make a
sandwich.

Write some instructions...

... to teach people
how to look
after a puppy.

Write some instructions...

... to teach people
how to use
chopsticks.

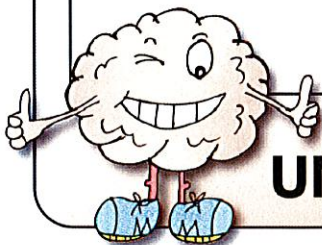
Write some instructions...

... to teach people
how to call a friend
on the phone.

The answer is...

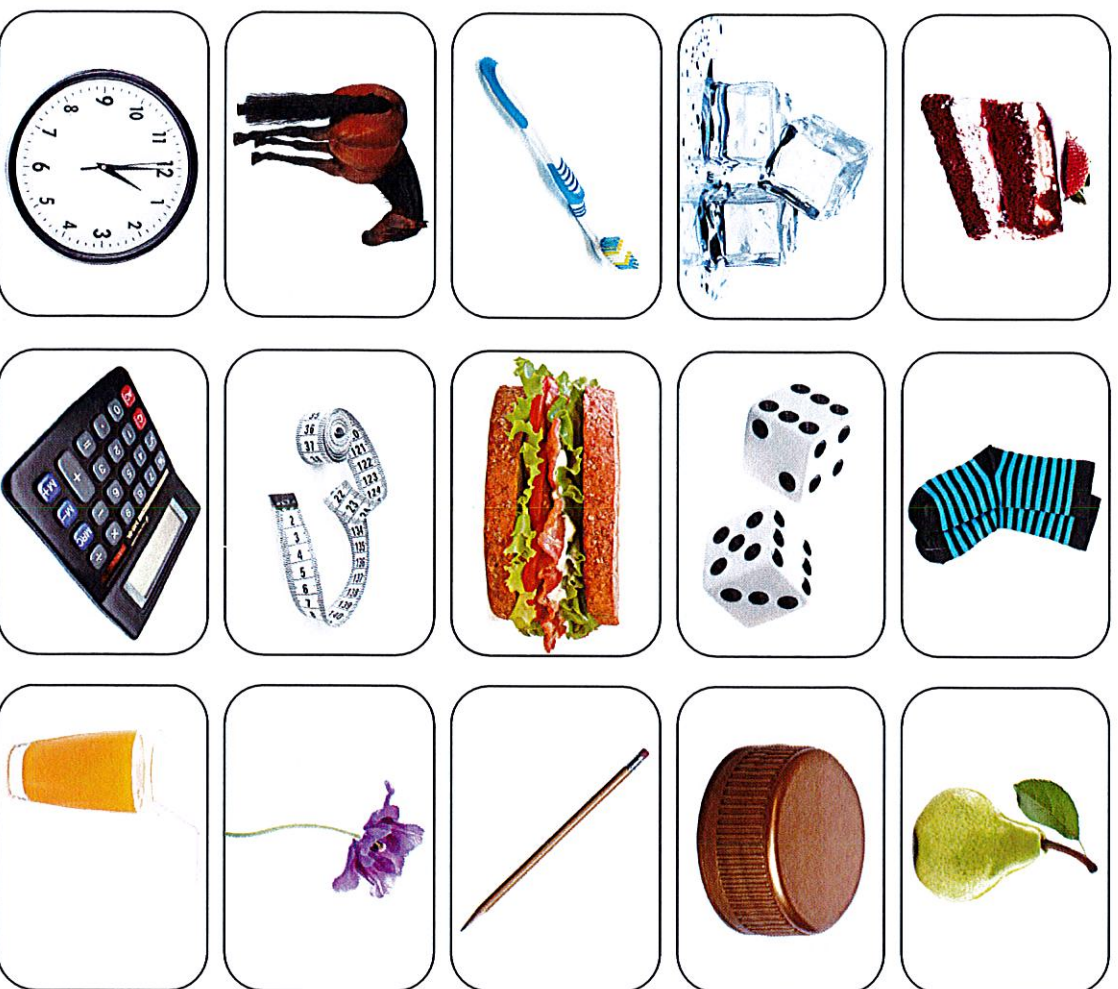
spider.

What is the question?

[illegible]

UNDERSTAND

How would you use...



Let's get thinking!
Choose one of the pictures and one of the problems below. Then think about how you would use the object shown in your picture to solve the problem.

You could write your ideas down, draw a picture of the solution or record an audio / video description (if you can use a mobile device).

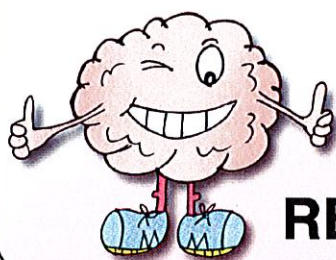
... to make the Queen laugh?	... to catch a criminal?
... to entertain a crowd of 1000 people?	... to teach somebody about fractions?
... to find some buried treasure?	... to talk to a person on the other side of the world?
... to make a meal for a friend?	... to stop a friend crying?
... to measure the length of a swimming pool?	... to open a locked door?
... to surprise a friend?	... to help a person who is lost?
... to keep a polar bear warm?	... to move an elephant?

A		N	
B		O	
C		P	
D		Q	
E		R	
F		S	
G		T	
H		U	
I		V	
J		W	
K		X	
L		Y	
M		Z	

A to Z

Can you think of words,
beginning with every letter of
the alphabet, that are linked to:

music?

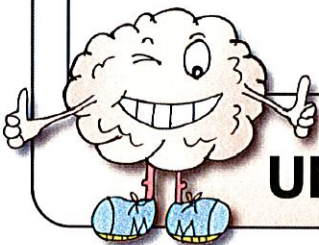


REMEMBER

The answer is...

green.

What is the question?

[illegible]

UNDERSTAND

Can you name...

12 colours?

Can you think of more than 12?



REMEMBER

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Can you name...

**14 famous events
in history?**

Can you think of more than 14?



REMEMBER

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Can you name...

**14 different types
of technology?**

Can you think of more than 14?



REMEMBER

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Can you name...

11 different sports?

Can you think of more than 11?



REMEMBER

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Write some instructions...

... to teach a dog
how to chase its tail.

Write some instructions...

... to teach a
bird how to fly.

Write some instructions...

... to teach a monkey
how to climb trees.

Write some instructions...

... to teach a spider
how to make a web.

Can you name...

**11 animations which
include talking animals?**

Can you think of more than 11?



REMEMBER

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Can you name...

**13 exciting jobs that
people can do?**

Can you think of more than 13?



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Can you name...

**12 famous people
who are no longer alive?**

Can you think of more than 12?



REMEMBER

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Can you name...

**13 exciting jobs that
people can do?**

Can you think of more than 13?

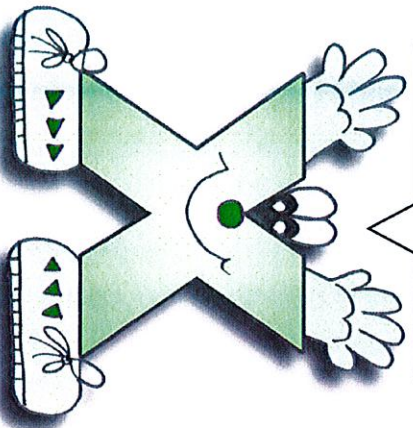


REMEMBER

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MISSING MULTIPLICATIONS

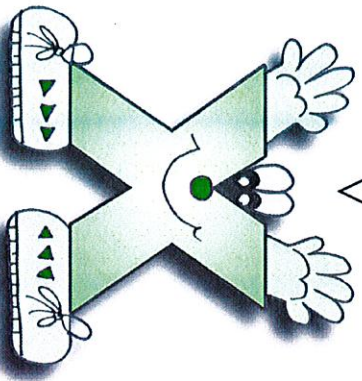
Can you
complete the
missing
numbers
in this
multiplication
grid?



X	1	2	3	4	5	6	7	8	9	10
1			3				7			10
2		4		8				16	18	
3		6	9		15		21			30
4	4				20	24			36	
5	5		15				35			50
6	6				30	36			54	
7			21			42		56		70
8				32					72	
9		18	27			54			81	
10	10				50		70	80		100

MISSING MULTIPLICATIONS

Can you
complete the
missing
numbers
in this
multiplication
grid?



X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3			6			9			12
2		4		8		12			18	20		
3			9				21	24			33	36
4	4	8			20	24			36		44	
5		10		20	25		35	40			55	60
6	6		18		30			48	54			
7		14		28		42			63		77	84
8	8		24		40		56		72		88	
9			27	36		54		72		90		108
10	10		30		50	60			90		110	
11		22			55		77	88		110		132
12	12		36	48	60		84		108	120		

Multiplication Challenge

One Times Table

- | | |
|---------------------------|---------------------------|
| 1. $1 \times 8 =$ _____ | 21. $1 \times 3 =$ _____ |
| 2. $1 \times 6 =$ _____ | 22. $1 \times 4 =$ _____ |
| 3. $1 \times 9 =$ _____ | 23. $1 \times 11 =$ _____ |
| 4. $1 \times 12 =$ _____ | 24. $1 \times 2 =$ _____ |
| 5. $1 \times 1 =$ _____ | 25. $1 \times 10 =$ _____ |
| 6. $1 \times 7 =$ _____ | 26. $1 \times 5 =$ _____ |
| 7. $1 \times 8 =$ _____ | 27. $1 \times 11 =$ _____ |
| 8. $1 \times 5 =$ _____ | 28. $1 \times 6 =$ _____ |
| 9. $1 \times 5 =$ _____ | 29. $1 \times 3 =$ _____ |
| 10. $1 \times 11 =$ _____ | 30. $1 \times 4 =$ _____ |
| 11. $1 \times 9 =$ _____ | 31. $1 \times 9 =$ _____ |
| 12. $1 \times 3 =$ _____ | 32. $1 \times 5 =$ _____ |
| 13. $1 \times 4 =$ _____ | 33. $1 \times 4 =$ _____ |
| 14. $1 \times 5 =$ _____ | 34. $1 \times 7 =$ _____ |
| 15. $1 \times 2 =$ _____ | 35. $1 \times 2 =$ _____ |
| 16. $1 \times 6 =$ _____ | 36. $1 \times 1 =$ _____ |
| 17. $1 \times 4 =$ _____ | 37. $1 \times 5 =$ _____ |
| 18. $1 \times 10 =$ _____ | 38. $1 \times 4 =$ _____ |
| 19. $1 \times 8 =$ _____ | 39. $1 \times 9 =$ _____ |
| 20. $1 \times 2 =$ _____ | 40. $1 \times 8 =$ _____ |

Multiplication Challenge

Two Times Table

- | | |
|---------------------------|---------------------------|
| 1. $2 \times 2 =$ _____ | 21. $2 \times 8 =$ _____ |
| 2. $2 \times 12 =$ _____ | 22. $2 \times 1 =$ _____ |
| 3. $2 \times 5 =$ _____ | 23. $2 \times 9 =$ _____ |
| 4. $2 \times 7 =$ _____ | 24. $2 \times 3 =$ _____ |
| 5. $2 \times 6 =$ _____ | 25. $2 \times 11 =$ _____ |
| 6. $2 \times 4 =$ _____ | 26. $2 \times 10 =$ _____ |
| 7. $2 \times 8 =$ _____ | 27. $2 \times 11 =$ _____ |
| 8. $2 \times 1 =$ _____ | 28. $2 \times 6 =$ _____ |
| 9. $2 \times 5 =$ _____ | 29. $2 \times 5 =$ _____ |
| 10. $2 \times 4 =$ _____ | 30. $2 \times 10 =$ _____ |
| 11. $2 \times 2 =$ _____ | 31. $2 \times 8 =$ _____ |
| 12. $2 \times 2 =$ _____ | 32. $2 \times 2 =$ _____ |
| 13. $2 \times 5 =$ _____ | 33. $2 \times 2 =$ _____ |
| 14. $2 \times 6 =$ _____ | 34. $2 \times 8 =$ _____ |
| 15. $2 \times 4 =$ _____ | 35. $2 \times 4 =$ _____ |
| 16. $2 \times 10 =$ _____ | 36. $2 \times 5 =$ _____ |
| 17. $2 \times 6 =$ _____ | 37. $2 \times 3 =$ _____ |
| 18. $2 \times 11 =$ _____ | 38. $2 \times 7 =$ _____ |
| 19. $2 \times 2 =$ _____ | 39. $2 \times 9 =$ _____ |
| 20. $2 \times 6 =$ _____ | 40. $2 \times 2 =$ _____ |

Multiplication Challenge

Three Times Table

- | | |
|---------------------------|---------------------------|
| 1. $3 \times 8 =$ _____ | 21. $3 \times 6 =$ _____ |
| 2. $3 \times 11 =$ _____ | 22. $3 \times 2 =$ _____ |
| 3. $3 \times 10 =$ _____ | 23. $3 \times 9 =$ _____ |
| 4. $3 \times 7 =$ _____ | 24. $3 \times 12 =$ _____ |
| 5. $3 \times 5 =$ _____ | 25. $3 \times 4 =$ _____ |
| 6. $3 \times 3 =$ _____ | 26. $3 \times 1 =$ _____ |
| 7. $3 \times 4 =$ _____ | 27. $3 \times 8 =$ _____ |
| 8. $3 \times 9 =$ _____ | 28. $3 \times 2 =$ _____ |
| 9. $3 \times 11 =$ _____ | 29. $3 \times 3 =$ _____ |
| 10. $3 \times 9 =$ _____ | 30. $3 \times 3 =$ _____ |
| 11. $3 \times 3 =$ _____ | 31. $3 \times 6 =$ _____ |
| 12. $3 \times 11 =$ _____ | 32. $3 \times 11 =$ _____ |
| 13. $3 \times 7 =$ _____ | 33. $3 \times 2 =$ _____ |
| 14. $3 \times 4 =$ _____ | 34. $3 \times 10 =$ _____ |
| 15. $3 \times 8 =$ _____ | 35. $3 \times 3 =$ _____ |
| 16. $3 \times 6 =$ _____ | 36. $3 \times 10 =$ _____ |
| 17. $3 \times 10 =$ _____ | 37. $3 \times 12 =$ _____ |
| 18. $3 \times 9 =$ _____ | 38. $3 \times 5 =$ _____ |
| 19. $3 \times 7 =$ _____ | 39. $3 \times 11 =$ _____ |
| 20. $3 \times 3 =$ _____ | 40. $3 \times 3 =$ _____ |

Multiplication Challenge

Four Times Table

- | | |
|---------------------------|---------------------------|
| 1. $4 \times 7 =$ _____ | 21. $4 \times 8 =$ _____ |
| 2. $4 \times 5 =$ _____ | 22. $4 \times 4 =$ _____ |
| 3. $4 \times 9 =$ _____ | 23. $4 \times 1 =$ _____ |
| 4. $4 \times 3 =$ _____ | 24. $4 \times 10 =$ _____ |
| 5. $4 \times 12 =$ _____ | 25. $4 \times 6 =$ _____ |
| 6. $4 \times 2 =$ _____ | 26. $4 \times 11 =$ _____ |
| 7. $4 \times 2 =$ _____ | 27. $4 \times 3 =$ _____ |
| 8. $4 \times 8 =$ _____ | 28. $4 \times 7 =$ _____ |
| 9. $4 \times 7 =$ _____ | 29. $4 \times 7 =$ _____ |
| 10. $4 \times 3 =$ _____ | 30. $4 \times 4 =$ _____ |
| 11. $4 \times 9 =$ _____ | 31. $4 \times 2 =$ _____ |
| 12. $4 \times 12 =$ _____ | 32. $4 \times 2 =$ _____ |
| 13. $4 \times 3 =$ _____ | 33. $4 \times 5 =$ _____ |
| 14. $4 \times 11 =$ _____ | 34. $4 \times 5 =$ _____ |
| 15. $4 \times 10 =$ _____ | 35. $4 \times 7 =$ _____ |
| 16. $4 \times 11 =$ _____ | 36. $4 \times 9 =$ _____ |
| 17. $4 \times 4 =$ _____ | 37. $4 \times 2 =$ _____ |
| 18. $4 \times 10 =$ _____ | 38. $4 \times 4 =$ _____ |
| 19. $4 \times 7 =$ _____ | 39. $4 \times 1 =$ _____ |
| 20. $4 \times 4 =$ _____ | 40. $4 \times 4 =$ _____ |

Multiplication Challenge

Five Times Table

- | | |
|---------------------------|---------------------------|
| 1. $5 \times 10 =$ _____ | 21. $5 \times 2 =$ _____ |
| 2. $5 \times 1 =$ _____ | 22. $5 \times 6 =$ _____ |
| 3. $5 \times 4 =$ _____ | 23. $5 \times 3 =$ _____ |
| 4. $5 \times 9 =$ _____ | 24. $5 \times 5 =$ _____ |
| 5. $5 \times 12 =$ _____ | 25. $5 \times 7 =$ _____ |
| 6. $5 \times 11 =$ _____ | 26. $5 \times 8 =$ _____ |
| 7. $5 \times 11 =$ _____ | 27. $5 \times 2 =$ _____ |
| 8. $5 \times 6 =$ _____ | 28. $5 \times 6 =$ _____ |
| 9. $5 \times 8 =$ _____ | 29. $5 \times 8 =$ _____ |
| 10. $5 \times 6 =$ _____ | 30. $5 \times 6 =$ _____ |
| 11. $5 \times 4 =$ _____ | 31. $5 \times 11 =$ _____ |
| 12. $5 \times 6 =$ _____ | 32. $5 \times 8 =$ _____ |
| 13. $5 \times 4 =$ _____ | 33. $5 \times 5 =$ _____ |
| 14. $5 \times 3 =$ _____ | 34. $5 \times 3 =$ _____ |
| 15. $5 \times 10 =$ _____ | 35. $5 \times 12 =$ _____ |
| 16. $5 \times 10 =$ _____ | 36. $5 \times 4 =$ _____ |
| 17. $5 \times 8 =$ _____ | 37. $5 \times 2 =$ _____ |
| 18. $5 \times 7 =$ _____ | 38. $5 \times 3 =$ _____ |
| 19. $5 \times 2 =$ _____ | 39. $5 \times 9 =$ _____ |
| 20. $5 \times 3 =$ _____ | 40. $5 \times 9 =$ _____ |

Multiplication Challenge

Six Times Table

- | | |
|---------------------------|---------------------------|
| 1. $6 \times 4 =$ _____ | 21. $6 \times 10 =$ _____ |
| 2. $6 \times 7 =$ _____ | 22. $6 \times 8 =$ _____ |
| 3. $6 \times 5 =$ _____ | 23. $6 \times 1 =$ _____ |
| 4. $6 \times 9 =$ _____ | 24. $6 \times 6 =$ _____ |
| 5. $6 \times 12 =$ _____ | 25. $6 \times 11 =$ _____ |
| 6. $6 \times 3 =$ _____ | 26. $6 \times 2 =$ _____ |
| 7. $6 \times 3 =$ _____ | 27. $6 \times 2 =$ _____ |
| 8. $6 \times 6 =$ _____ | 28. $6 \times 2 =$ _____ |
| 9. $6 \times 9 =$ _____ | 29. $6 \times 5 =$ _____ |
| 10. $6 \times 8 =$ _____ | 30. $6 \times 11 =$ _____ |
| 11. $6 \times 10 =$ _____ | 31. $6 \times 6 =$ _____ |
| 12. $6 \times 1 =$ _____ | 32. $6 \times 8 =$ _____ |
| 13. $6 \times 5 =$ _____ | 33. $6 \times 6 =$ _____ |
| 14. $6 \times 3 =$ _____ | 34. $6 \times 6 =$ _____ |
| 15. $6 \times 7 =$ _____ | 35. $6 \times 3 =$ _____ |
| 16. $6 \times 5 =$ _____ | 36. $6 \times 6 =$ _____ |
| 17. $6 \times 2 =$ _____ | 37. $6 \times 1 =$ _____ |
| 18. $6 \times 8 =$ _____ | 38. $6 \times 7 =$ _____ |
| 19. $6 \times 6 =$ _____ | 39. $6 \times 6 =$ _____ |
| 20. $6 \times 4 =$ _____ | 40. $6 \times 12 =$ _____ |

Multiplication Challenge

Seven Times Table

- | | |
|---------------------------|---------------------------|
| 1. $7 \times 2 =$ _____ | 21. $7 \times 1 =$ _____ |
| 2. $7 \times 10 =$ _____ | 22. $7 \times 7 =$ _____ |
| 3. $7 \times 11 =$ _____ | 23. $7 \times 6 =$ _____ |
| 4. $7 \times 5 =$ _____ | 24. $7 \times 9 =$ _____ |
| 5. $7 \times 12 =$ _____ | 25. $7 \times 3 =$ _____ |
| 6. $7 \times 4 =$ _____ | 26. $7 \times 8 =$ _____ |
| 7. $7 \times 10 =$ _____ | 27. $7 \times 10 =$ _____ |
| 8. $7 \times 6 =$ _____ | 28. $7 \times 6 =$ _____ |
| 9. $7 \times 2 =$ _____ | 29. $7 \times 12 =$ _____ |
| 10. $7 \times 8 =$ _____ | 30. $7 \times 5 =$ _____ |
| 11. $7 \times 10 =$ _____ | 31. $7 \times 2 =$ _____ |
| 12. $7 \times 5 =$ _____ | 32. $7 \times 11 =$ _____ |
| 13. $7 \times 5 =$ _____ | 33. $7 \times 9 =$ _____ |
| 14. $7 \times 11 =$ _____ | 34. $7 \times 3 =$ _____ |
| 15. $7 \times 9 =$ _____ | 35. $7 \times 9 =$ _____ |
| 16. $7 \times 4 =$ _____ | 36. $7 \times 4 =$ _____ |
| 17. $7 \times 6 =$ _____ | 37. $7 \times 1 =$ _____ |
| 18. $7 \times 8 =$ _____ | 38. $7 \times 6 =$ _____ |
| 19. $7 \times 4 =$ _____ | 39. $7 \times 9 =$ _____ |
| 20. $7 \times 8 =$ _____ | 40. $7 \times 9 =$ _____ |

Multiplication Challenge

Eight Times Table

- | | |
|---------------------------|---------------------------|
| 1. $8 \times 11 =$ _____ | 21. $8 \times 7 =$ _____ |
| 2. $8 \times 9 =$ _____ | 22. $8 \times 4 =$ _____ |
| 3. $8 \times 3 =$ _____ | 23. $8 \times 12 =$ _____ |
| 4. $8 \times 5 =$ _____ | 24. $8 \times 6 =$ _____ |
| 5. $8 \times 8 =$ _____ | 25. $8 \times 2 =$ _____ |
| 6. $8 \times 10 =$ _____ | 26. $8 \times 1 =$ _____ |
| 7. $8 \times 11 =$ _____ | 27. $8 \times 10 =$ _____ |
| 8. $8 \times 6 =$ _____ | 28. $8 \times 12 =$ _____ |
| 9. $8 \times 2 =$ _____ | 29. $8 \times 8 =$ _____ |
| 10. $8 \times 3 =$ _____ | 30. $8 \times 8 =$ _____ |
| 11. $8 \times 2 =$ _____ | 31. $8 \times 12 =$ _____ |
| 12. $8 \times 6 =$ _____ | 32. $8 \times 1 =$ _____ |
| 13. $8 \times 4 =$ _____ | 33. $8 \times 11 =$ _____ |
| 14. $8 \times 7 =$ _____ | 34. $8 \times 7 =$ _____ |
| 15. $8 \times 2 =$ _____ | 35. $8 \times 5 =$ _____ |
| 16. $8 \times 10 =$ _____ | 36. $8 \times 11 =$ _____ |
| 17. $8 \times 2 =$ _____ | 37. $8 \times 6 =$ _____ |
| 18. $8 \times 6 =$ _____ | 38. $8 \times 5 =$ _____ |
| 19. $8 \times 9 =$ _____ | 39. $8 \times 11 =$ _____ |
| 20. $8 \times 7 =$ _____ | 40. $8 \times 6 =$ _____ |

Multiplication Challenge

Nine Times Table

- | | |
|---------------------------|---------------------------|
| 1. $9 \times 4 =$ _____ | 21. $9 \times 5 =$ _____ |
| 2. $9 \times 6 =$ _____ | 22. $9 \times 2 =$ _____ |
| 3. $9 \times 9 =$ _____ | 23. $9 \times 1 =$ _____ |
| 4. $9 \times 7 =$ _____ | 24. $9 \times 3 =$ _____ |
| 5. $9 \times 12 =$ _____ | 25. $9 \times 11 =$ _____ |
| 6. $9 \times 10 =$ _____ | 26. $9 \times 8 =$ _____ |
| 7. $9 \times 10 =$ _____ | 27. $9 \times 7 =$ _____ |
| 8. $9 \times 10 =$ _____ | 28. $9 \times 12 =$ _____ |
| 9. $9 \times 5 =$ _____ | 29. $9 \times 11 =$ _____ |
| 10. $9 \times 9 =$ _____ | 30. $9 \times 8 =$ _____ |
| 11. $9 \times 11 =$ _____ | 31. $9 \times 7 =$ _____ |
| 12. $9 \times 7 =$ _____ | 32. $9 \times 6 =$ _____ |
| 13. $9 \times 7 =$ _____ | 33. $9 \times 6 =$ _____ |
| 14. $9 \times 7 =$ _____ | 34. $9 \times 1 =$ _____ |
| 15. $9 \times 9 =$ _____ | 35. $9 \times 3 =$ _____ |
| 16. $9 \times 6 =$ _____ | 36. $9 \times 12 =$ _____ |
| 17. $9 \times 5 =$ _____ | 37. $9 \times 2 =$ _____ |
| 18. $9 \times 4 =$ _____ | 38. $9 \times 2 =$ _____ |
| 19. $9 \times 9 =$ _____ | 39. $9 \times 2 =$ _____ |
| 20. $9 \times 8 =$ _____ | 40. $9 \times 10 =$ _____ |

Multiplication Challenge

Ten Times Table

- | | |
|----------------------------|----------------------------|
| 1. $10 \times 3 =$ _____ | 21. $10 \times 5 =$ _____ |
| 2. $10 \times 9 =$ _____ | 22. $10 \times 6 =$ _____ |
| 3. $10 \times 11 =$ _____ | 23. $10 \times 8 =$ _____ |
| 4. $10 \times 10 =$ _____ | 24. $10 \times 12 =$ _____ |
| 5. $10 \times 7 =$ _____ | 25. $10 \times 1 =$ _____ |
| 6. $10 \times 2 =$ _____ | 26. $10 \times 4 =$ _____ |
| 7. $10 \times 11 =$ _____ | 27. $10 \times 8 =$ _____ |
| 8. $10 \times 8 =$ _____ | 28. $10 \times 3 =$ _____ |
| 9. $10 \times 8 =$ _____ | 29. $10 \times 12 =$ _____ |
| 10. $10 \times 1 =$ _____ | 30. $10 \times 10 =$ _____ |
| 11. $10 \times 7 =$ _____ | 31. $10 \times 7 =$ _____ |
| 12. $10 \times 10 =$ _____ | 32. $10 \times 12 =$ _____ |
| 13. $10 \times 1 =$ _____ | 33. $10 \times 4 =$ _____ |
| 14. $10 \times 5 =$ _____ | 34. $10 \times 2 =$ _____ |
| 15. $10 \times 9 =$ _____ | 35. $10 \times 11 =$ _____ |
| 16. $10 \times 11 =$ _____ | 36. $10 \times 7 =$ _____ |
| 17. $10 \times 2 =$ _____ | 37. $10 \times 9 =$ _____ |
| 18. $10 \times 8 =$ _____ | 38. $10 \times 7 =$ _____ |
| 19. $10 \times 4 =$ _____ | 39. $10 \times 6 =$ _____ |
| 20. $10 \times 9 =$ _____ | 40. $10 \times 8 =$ _____ |

Multiplication Challenge

Eleven Times Table

- | | |
|----------------------------|----------------------------|
| 1. $11 \times 7 =$ _____ | 21. $11 \times 2 =$ _____ |
| 2. $11 \times 8 =$ _____ | 22. $11 \times 10 =$ _____ |
| 3. $11 \times 6 =$ _____ | 23. $11 \times 11 =$ _____ |
| 4. $11 \times 1 =$ _____ | 24. $11 \times 12 =$ _____ |
| 5. $11 \times 3 =$ _____ | 25. $11 \times 5 =$ _____ |
| 6. $11 \times 4 =$ _____ | 26. $11 \times 9 =$ _____ |
| 7. $11 \times 7 =$ _____ | 27. $11 \times 12 =$ _____ |
| 8. $11 \times 2 =$ _____ | 28. $11 \times 9 =$ _____ |
| 9. $11 \times 8 =$ _____ | 29. $11 \times 2 =$ _____ |
| 10. $11 \times 5 =$ _____ | 30. $11 \times 3 =$ _____ |
| 11. $11 \times 6 =$ _____ | 31. $11 \times 11 =$ _____ |
| 12. $11 \times 4 =$ _____ | 32. $11 \times 1 =$ _____ |
| 13. $11 \times 2 =$ _____ | 33. $11 \times 3 =$ _____ |
| 14. $11 \times 12 =$ _____ | 34. $11 \times 11 =$ _____ |
| 15. $11 \times 3 =$ _____ | 35. $11 \times 6 =$ _____ |
| 16. $11 \times 2 =$ _____ | 36. $11 \times 10 =$ _____ |
| 17. $11 \times 1 =$ _____ | 37. $11 \times 1 =$ _____ |
| 18. $11 \times 1 =$ _____ | 38. $11 \times 11 =$ _____ |
| 19. $11 \times 3 =$ _____ | 39. $11 \times 8 =$ _____ |
| 20. $11 \times 11 =$ _____ | 40. $11 \times 7 =$ _____ |

Multiplication Challenge

Twelve Times Table

- | | |
|----------------------------|----------------------------|
| 1. $12 \times 1 =$ _____ | 21. $12 \times 7 =$ _____ |
| 2. $12 \times 8 =$ _____ | 22. $12 \times 12 =$ _____ |
| 3. $12 \times 4 =$ _____ | 23. $12 \times 10 =$ _____ |
| 4. $12 \times 3 =$ _____ | 24. $12 \times 11 =$ _____ |
| 5. $12 \times 5 =$ _____ | 25. $12 \times 2 =$ _____ |
| 6. $12 \times 6 =$ _____ | 26. $12 \times 9 =$ _____ |
| 7. $12 \times 12 =$ _____ | 27. $12 \times 7 =$ _____ |
| 8. $12 \times 3 =$ _____ | 28. $12 \times 3 =$ _____ |
| 9. $12 \times 6 =$ _____ | 29. $12 \times 4 =$ _____ |
| 10. $12 \times 9 =$ _____ | 30. $12 \times 6 =$ _____ |
| 11. $12 \times 5 =$ _____ | 31. $12 \times 8 =$ _____ |
| 12. $12 \times 2 =$ _____ | 32. $12 \times 6 =$ _____ |
| 13. $12 \times 6 =$ _____ | 33. $12 \times 10 =$ _____ |
| 14. $12 \times 10 =$ _____ | 34. $12 \times 11 =$ _____ |
| 15. $12 \times 9 =$ _____ | 35. $12 \times 4 =$ _____ |
| 16. $12 \times 10 =$ _____ | 36. $12 \times 11 =$ _____ |
| 17. $12 \times 3 =$ _____ | 37. $12 \times 8 =$ _____ |
| 18. $12 \times 4 =$ _____ | 38. $12 \times 12 =$ _____ |
| 19. $12 \times 4 =$ _____ | 39. $12 \times 5 =$ _____ |
| 20. $12 \times 4 =$ _____ | 40. $12 \times 4 =$ _____ |

Answers

One Times Table

1. $1 \times 8 = 8$	21. $1 \times 3 = 3$
2. $1 \times 6 = 6$	22. $1 \times 4 = 4$
3. $1 \times 9 = 9$	23. $1 \times 11 = 11$
4. $1 \times 12 = 12$	24. $1 \times 2 = 2$
5. $1 \times 1 = 1$	25. $1 \times 10 = 10$
6. $1 \times 7 = 7$	26. $1 \times 5 = 5$
7. $1 \times 8 = 8$	27. $1 \times 11 = 11$
8. $1 \times 5 = 5$	28. $1 \times 6 = 6$
9. $1 \times 5 = 5$	29. $1 \times 3 = 3$
10. $1 \times 11 = 11$	30. $1 \times 4 = 4$
11. $1 \times 9 = 9$	31. $1 \times 9 = 9$
12. $1 \times 3 = 3$	32. $1 \times 5 = 5$
13. $1 \times 4 = 4$	33. $1 \times 4 = 4$
14. $1 \times 5 = 5$	34. $1 \times 7 = 7$
15. $1 \times 2 = 2$	35. $1 \times 2 = 2$
16. $1 \times 6 = 6$	36. $1 \times 1 = 1$
17. $1 \times 4 = 4$	37. $1 \times 5 = 5$
18. $1 \times 10 = 10$	38. $1 \times 4 = 4$
19. $1 \times 8 = 8$	39. $1 \times 9 = 9$
20. $1 \times 2 = 2$	40. $1 \times 8 = 8$

Two Times Table

1. $2 \times 2 = 4$	21. $2 \times 8 = 16$
2. $2 \times 12 = 24$	22. $2 \times 1 = 2$
3. $2 \times 5 = 10$	23. $2 \times 9 = 18$
4. $2 \times 7 = 14$	24. $2 \times 3 = 6$
5. $2 \times 6 = 12$	25. $2 \times 11 = 22$
6. $2 \times 4 = 8$	26. $2 \times 10 = 20$
7. $2 \times 8 = 16$	27. $2 \times 11 = 22$
8. $2 \times 1 = 2$	28. $2 \times 6 = 12$
9. $2 \times 5 = 10$	29. $2 \times 5 = 10$
10. $2 \times 4 = 8$	30. $2 \times 10 = 20$
11. $2 \times 2 = 4$	31. $2 \times 8 = 16$
12. $2 \times 2 = 4$	32. $2 \times 2 = 4$
13. $2 \times 5 = 10$	33. $2 \times 2 = 4$
14. $2 \times 6 = 12$	34. $2 \times 8 = 16$
15. $2 \times 4 = 8$	35. $2 \times 4 = 8$
16. $2 \times 10 = 20$	36. $2 \times 5 = 10$
17. $2 \times 6 = 12$	37. $2 \times 3 = 6$
18. $2 \times 11 = 22$	38. $2 \times 7 = 14$
19. $2 \times 2 = 4$	39. $2 \times 9 = 18$
20. $2 \times 6 = 12$	40. $2 \times 2 = 4$

Three Times Table

1. $3 \times 8 = 24$	21. $3 \times 6 = 18$
2. $3 \times 11 = 33$	22. $3 \times 2 = 6$
3. $3 \times 10 = 30$	23. $3 \times 9 = 27$
4. $3 \times 7 = 21$	24. $3 \times 12 = 36$
5. $3 \times 5 = 15$	25. $3 \times 4 = 12$
6. $3 \times 3 = 9$	26. $3 \times 1 = 3$
7. $3 \times 4 = 12$	27. $3 \times 8 = 24$
8. $3 \times 9 = 27$	28. $3 \times 2 = 6$
9. $3 \times 11 = 33$	29. $3 \times 3 = 9$
10. $3 \times 9 = 27$	30. $3 \times 3 = 9$
11. $3 \times 3 = 9$	31. $3 \times 6 = 18$
12. $3 \times 11 = 33$	32. $3 \times 11 = 33$
13. $3 \times 7 = 21$	33. $3 \times 2 = 6$
14. $3 \times 4 = 12$	34. $3 \times 10 = 30$
15. $3 \times 8 = 24$	35. $3 \times 3 = 9$
16. $3 \times 6 = 18$	36. $3 \times 10 = 30$
17. $3 \times 10 = 30$	37. $3 \times 12 = 36$
18. $3 \times 9 = 27$	38. $3 \times 5 = 15$
19. $3 \times 7 = 21$	39. $3 \times 11 = 33$
20. $3 \times 3 = 9$	40. $3 \times 3 = 9$

Four Times Table

1. $4 \times 7 = 28$	21. $4 \times 8 = 32$
2. $4 \times 5 = 20$	22. $4 \times 4 = 16$
3. $4 \times 9 = 36$	23. $4 \times 1 = 4$
4. $4 \times 3 = 12$	24. $4 \times 10 = 40$
5. $4 \times 12 = 48$	25. $4 \times 6 = 24$
6. $4 \times 2 = 8$	26. $4 \times 11 = 44$
7. $4 \times 2 = 8$	27. $4 \times 3 = 12$
8. $4 \times 8 = 32$	28. $4 \times 7 = 28$
9. $4 \times 7 = 28$	29. $4 \times 7 = 28$
10. $4 \times 3 = 12$	30. $4 \times 4 = 16$
11. $4 \times 9 = 36$	31. $4 \times 2 = 8$
12. $4 \times 12 = 48$	32. $4 \times 2 = 8$
13. $4 \times 3 = 12$	33. $4 \times 5 = 20$
14. $4 \times 11 = 44$	34. $4 \times 5 = 20$
15. $4 \times 10 = 40$	35. $4 \times 7 = 28$
16. $4 \times 11 = 44$	36. $4 \times 9 = 36$
17. $4 \times 4 = 16$	37. $4 \times 2 = 8$
18. $4 \times 10 = 40$	38. $4 \times 4 = 16$
19. $4 \times 7 = 28$	39. $4 \times 1 = 4$
20. $4 \times 4 = 16$	40. $4 \times 4 = 16$

Answers

Five Times Table

1. $5 \times 10 = 50$	21. $5 \times 2 = 10$
2. $5 \times 1 = 5$	22. $5 \times 6 = 30$
3. $5 \times 4 = 20$	23. $5 \times 3 = 15$
4. $5 \times 9 = 45$	24. $5 \times 5 = 25$
5. $5 \times 12 = 60$	25. $5 \times 7 = 35$
6. $5 \times 11 = 55$	26. $5 \times 8 = 40$
7. $5 \times 11 = 55$	27. $5 \times 2 = 10$
8. $5 \times 6 = 30$	28. $5 \times 6 = 30$
9. $5 \times 8 = 40$	29. $5 \times 8 = 40$
10. $5 \times 6 = 30$	30. $5 \times 6 = 30$
11. $5 \times 4 = 20$	31. $5 \times 11 = 55$
12. $5 \times 6 = 30$	32. $5 \times 8 = 40$
13. $5 \times 4 = 20$	33. $5 \times 5 = 25$
14. $5 \times 3 = 15$	34. $5 \times 3 = 15$
15. $5 \times 10 = 50$	35. $5 \times 12 = 60$
16. $5 \times 10 = 50$	36. $5 \times 4 = 20$
17. $5 \times 8 = 40$	37. $5 \times 2 = 10$
18. $5 \times 7 = 35$	38. $5 \times 3 = 15$
19. $5 \times 2 = 10$	39. $5 \times 9 = 45$
20. $5 \times 3 = 15$	40. $5 \times 9 = 45$

Six Times Table

1. $6 \times 4 = 24$	21. $6 \times 10 = 60$
2. $6 \times 7 = 42$	22. $6 \times 8 = 48$
3. $6 \times 5 = 30$	23. $6 \times 1 = 6$
4. $6 \times 9 = 54$	24. $6 \times 6 = 36$
5. $6 \times 12 = 72$	25. $6 \times 11 = 66$
6. $6 \times 3 = 18$	26. $6 \times 2 = 12$
7. $6 \times 3 = 18$	27. $6 \times 2 = 12$
8. $6 \times 6 = 36$	28. $6 \times 2 = 12$
9. $6 \times 9 = 54$	29. $6 \times 5 = 30$
10. $6 \times 8 = 48$	30. $6 \times 11 = 66$
11. $6 \times 10 = 60$	31. $6 \times 6 = 36$
12. $6 \times 1 = 6$	32. $6 \times 8 = 48$
13. $6 \times 5 = 30$	33. $6 \times 6 = 36$
14. $6 \times 3 = 18$	34. $6 \times 6 = 36$
15. $6 \times 7 = 42$	35. $6 \times 3 = 18$
16. $6 \times 5 = 30$	36. $6 \times 6 = 36$
17. $6 \times 2 = 12$	37. $6 \times 1 = 6$
18. $6 \times 8 = 48$	38. $6 \times 7 = 42$
19. $6 \times 6 = 36$	39. $6 \times 6 = 36$
20. $6 \times 4 = 24$	40. $6 \times 12 = 72$

Seven Times Table

1. $7 \times 2 = 14$	21. $7 \times 1 = 7$
2. $7 \times 10 = 70$	22. $7 \times 7 = 49$
3. $7 \times 11 = 77$	23. $7 \times 6 = 42$
4. $7 \times 5 = 35$	24. $7 \times 9 = 63$
5. $7 \times 12 = 84$	25. $7 \times 3 = 21$
6. $7 \times 4 = 28$	26. $7 \times 8 = 56$
7. $7 \times 10 = 70$	27. $7 \times 10 = 70$
8. $7 \times 6 = 42$	28. $7 \times 6 = 42$
9. $7 \times 2 = 14$	29. $7 \times 12 = 84$
10. $7 \times 8 = 56$	30. $7 \times 5 = 35$
11. $7 \times 10 = 70$	31. $7 \times 2 = 14$
12. $7 \times 5 = 35$	32. $7 \times 11 = 77$
13. $7 \times 5 = 35$	33. $7 \times 9 = 63$
14. $7 \times 11 = 77$	34. $7 \times 3 = 21$
15. $7 \times 9 = 63$	35. $7 \times 9 = 63$
16. $7 \times 4 = 28$	36. $7 \times 4 = 28$
17. $7 \times 6 = 42$	37. $7 \times 1 = 7$
18. $7 \times 8 = 56$	38. $7 \times 6 = 42$
19. $7 \times 4 = 28$	39. $7 \times 9 = 63$
20. $7 \times 8 = 56$	40. $7 \times 9 = 63$

Eight Times Table

1. $8 \times 11 = 88$	21. $8 \times 7 = 56$
2. $8 \times 9 = 72$	22. $8 \times 4 = 32$
3. $8 \times 3 = 24$	23. $8 \times 12 = 96$
4. $8 \times 5 = 40$	24. $8 \times 6 = 48$
5. $8 \times 8 = 64$	25. $8 \times 2 = 16$
6. $8 \times 10 = 80$	26. $8 \times 1 = 8$
7. $8 \times 11 = 88$	27. $8 \times 10 = 80$
8. $8 \times 6 = 48$	28. $8 \times 12 = 96$
9. $8 \times 2 = 16$	29. $8 \times 8 = 64$
10. $8 \times 3 = 24$	30. $8 \times 8 = 64$
11. $8 \times 2 = 16$	31. $8 \times 12 = 96$
12. $8 \times 6 = 48$	32. $8 \times 1 = 8$
13. $8 \times 4 = 32$	33. $8 \times 11 = 88$
14. $8 \times 7 = 56$	34. $8 \times 7 = 56$
15. $8 \times 2 = 16$	35. $8 \times 5 = 40$
16. $8 \times 10 = 80$	36. $8 \times 11 = 88$
17. $8 \times 2 = 16$	37. $8 \times 6 = 48$
18. $8 \times 6 = 48$	38. $8 \times 5 = 40$
19. $8 \times 9 = 72$	39. $8 \times 11 = 88$
20. $8 \times 7 = 56$	40. $8 \times 6 = 48$

Answers

Nine Times Table

1. $9 \times 4 = 36$	21. $9 \times 5 = 45$
2. $9 \times 6 = 54$	22. $9 \times 2 = 18$
3. $9 \times 9 = 81$	23. $9 \times 1 = 9$
4. $9 \times 7 = 63$	24. $9 \times 3 = 27$
5. $9 \times 12 = 108$	25. $9 \times 11 = 99$
6. $9 \times 10 = 90$	26. $9 \times 8 = 72$
7. $9 \times 10 = 90$	27. $9 \times 7 = 63$
8. $9 \times 10 = 90$	28. $9 \times 12 = 108$
9. $9 \times 5 = 45$	29. $9 \times 11 = 99$
10. $9 \times 9 = 81$	30. $9 \times 8 = 72$
11. $9 \times 11 = 99$	31. $9 \times 7 = 63$
12. $9 \times 7 = 63$	32. $9 \times 6 = 54$
13. $9 \times 7 = 63$	33. $9 \times 6 = 54$
14. $9 \times 7 = 63$	34. $9 \times 1 = 9$
15. $9 \times 9 = 81$	35. $9 \times 3 = 27$
16. $9 \times 6 = 54$	36. $9 \times 12 = 108$
17. $9 \times 5 = 45$	37. $9 \times 2 = 18$
18. $9 \times 4 = 36$	38. $9 \times 2 = 18$
19. $9 \times 9 = 81$	39. $9 \times 2 = 18$
20. $9 \times 8 = 72$	40. $9 \times 10 = 90$

Ten Times Table

1. $10 \times 3 = 30$	21. $10 \times 5 = 50$
2. $10 \times 9 = 90$	22. $10 \times 6 = 60$
3. $10 \times 11 = 110$	23. $10 \times 8 = 80$
4. $10 \times 10 = 100$	24. $10 \times 12 = 120$
5. $10 \times 7 = 70$	25. $10 \times 1 = 10$
6. $10 \times 2 = 20$	26. $10 \times 4 = 40$
7. $10 \times 11 = 110$	27. $10 \times 8 = 80$
8. $10 \times 8 = 80$	28. $10 \times 3 = 30$
9. $10 \times 8 = 80$	29. $10 \times 12 = 120$
10. $10 \times 1 = 10$	30. $10 \times 10 = 100$
11. $10 \times 7 = 70$	31. $10 \times 7 = 70$
12. $10 \times 10 = 100$	32. $10 \times 12 = 120$
13. $10 \times 1 = 10$	33. $10 \times 4 = 40$
14. $10 \times 5 = 50$	34. $10 \times 2 = 20$
15. $10 \times 9 = 90$	35. $10 \times 11 = 110$
16. $10 \times 11 = 110$	36. $10 \times 7 = 70$
17. $10 \times 2 = 20$	37. $10 \times 9 = 90$
18. $10 \times 8 = 80$	38. $10 \times 7 = 70$
19. $10 \times 4 = 40$	39. $10 \times 6 = 60$
20. $10 \times 9 = 90$	40. $10 \times 8 = 80$

Eleven Times Table

1. $11 \times 7 = 77$	21. $11 \times 2 = 22$
2. $11 \times 8 = 88$	22. $11 \times 10 = 110$
3. $11 \times 6 = 66$	23. $11 \times 11 = 121$
4. $11 \times 1 = 11$	24. $11 \times 12 = 132$
5. $11 \times 3 = 33$	25. $11 \times 5 = 55$
6. $11 \times 4 = 44$	26. $11 \times 9 = 99$
7. $11 \times 7 = 77$	27. $11 \times 12 = 132$
8. $11 \times 2 = 22$	28. $11 \times 9 = 99$
9. $11 \times 8 = 88$	29. $11 \times 2 = 22$
10. $11 \times 5 = 55$	30. $11 \times 3 = 33$
11. $11 \times 6 = 66$	31. $11 \times 11 = 121$
12. $11 \times 4 = 44$	32. $11 \times 1 = 11$
13. $11 \times 2 = 22$	33. $11 \times 3 = 33$
14. $11 \times 12 = 132$	34. $11 \times 11 = 121$
15. $11 \times 3 = 33$	35. $11 \times 6 = 66$
16. $11 \times 2 = 22$	36. $11 \times 10 = 110$
17. $11 \times 1 = 11$	37. $11 \times 1 = 11$
18. $11 \times 1 = 11$	38. $11 \times 11 = 121$
19. $11 \times 3 = 33$	39. $11 \times 8 = 88$
20. $11 \times 11 = 121$	40. $11 \times 7 = 77$

Twelve Times Table

1. $12 \times 1 = 12$	21. $12 \times 7 = 84$
2. $12 \times 8 = 96$	22. $12 \times 12 = 144$
3. $12 \times 4 = 48$	23. $12 \times 10 = 120$
4. $12 \times 3 = 36$	24. $12 \times 11 = 132$
5. $12 \times 5 = 60$	25. $12 \times 2 = 24$
6. $12 \times 6 = 72$	26. $12 \times 9 = 108$
7. $12 \times 12 = 144$	27. $12 \times 7 = 84$
8. $12 \times 3 = 36$	28. $12 \times 3 = 36$
9. $12 \times 6 = 72$	29. $12 \times 4 = 48$
10. $12 \times 9 = 108$	30. $12 \times 6 = 72$
11. $12 \times 5 = 60$	31. $12 \times 8 = 96$
12. $12 \times 2 = 24$	32. $12 \times 6 = 72$
13. $12 \times 6 = 72$	33. $12 \times 10 = 120$
14. $12 \times 10 = 120$	34. $12 \times 11 = 132$
15. $12 \times 9 = 108$	35. $12 \times 4 = 48$
16. $12 \times 10 = 120$	36. $12 \times 11 = 132$
17. $12 \times 3 = 36$	37. $12 \times 8 = 96$
18. $12 \times 4 = 48$	38. $12 \times 12 = 144$
19. $12 \times 4 = 48$	39. $12 \times 5 = 60$
20. $12 \times 4 = 48$	40. $12 \times 4 = 48$



99 Times!

How quickly can you answer these 99 times tables questions?



1) $11 \times 6 =$
2) $7 \times 6 =$
3) $9 \times 6 =$
4) $1 \times 6 =$
5) $4 \times 6 =$
6) $11 \times 6 =$
7) $7 \times 6 =$
8) $8 \times 6 =$
9) $2 \times 6 =$
10) $1 \times 6 =$
11) $3 \times 6 =$
12) $12 \times 6 =$
13) $7 \times 6 =$
14) $9 \times 6 =$
15) $3 \times 6 =$
16) $5 \times 6 =$
17) $9 \times 6 =$
18) $8 \times 6 =$
19) $0 \times 6 =$
20) $3 \times 6 =$
21) $4 \times 6 =$
22) $3 \times 6 =$
23) $4 \times 6 =$
24) $10 \times 6 =$
25) $5 \times 6 =$
26) $10 \times 6 =$
27) $1 \times 6 =$
28) $7 \times 6 =$
29) $2 \times 6 =$
30) $3 \times 6 =$
31) $12 \times 6 =$
32) $8 \times 6 =$
33) $10 \times 6 =$

34) $1 \times 6 =$
35) $7 \times 6 =$
36) $12 \times 6 =$
37) $2 \times 6 =$
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40) $6 \times 6 =$
41) $8 \times 6 =$
42) $5 \times 6 =$
43) $7 \times 6 =$
44) $6 \times 6 =$
45) $1 \times 6 =$
46) $3 \times 6 =$
47) $6 \times 6 =$
48) $12 \times 6 =$
49) $11 \times 6 =$
50) $9 \times 6 =$
51) $8 \times 6 =$
52) $4 \times 6 =$
53) $6 \times 6 =$
54) $2 \times 6 =$
55) $6 \times 6 =$
56) $3 \times 6 =$
57) $9 \times 6 =$
58) $8 \times 6 =$
59) $1 \times 6 =$
60) $7 \times 6 =$
61) $12 \times 6 =$
62) $10 \times 6 =$
63) $3 \times 6 =$
64) $7 \times 6 =$
65) $11 \times 6 =$
66) $5 \times 6 =$

67) $7 \times 6 =$
68) $0 \times 6 =$
69) $8 \times 6 =$
70) $1 \times 6 =$
71) $7 \times 6 =$
72) $10 \times 6 =$
73) $9 \times 6 =$
74) $3 \times 6 =$
75) $4 \times 6 =$
76) $9 \times 6 =$
77) $11 \times 6 =$
78) $4 \times 6 =$
79) $8 \times 6 =$
80) $9 \times 6 =$
81) $0 \times 6 =$
82) $12 \times 6 =$
83) $4 \times 6 =$
84) $2 \times 6 =$
85) $5 \times 6 =$
86) $7 \times 6 =$
87) $8 \times 6 =$
88) $3 \times 6 =$
89) $0 \times 6 =$
90) $10 \times 6 =$
91) $6 \times 6 =$
92) $0 \times 6 =$
93) $4 \times 6 =$
94) $8 \times 6 =$
95) $9 \times 6 =$
96) $3 \times 6 =$
97) $6 \times 6 =$
98) $2 \times 6 =$
99) $7 \times 6 =$



99 Times!

How quickly can you answer these 99 times tables questions?



1) $11 \times 6 =$	66
2) $7 \times 6 =$	42
3) $9 \times 6 =$	54
4) $1 \times 6 =$	6
5) $4 \times 6 =$	24
6) $11 \times 6 =$	66
7) $7 \times 6 =$	42
8) $8 \times 6 =$	48
9) $2 \times 6 =$	12
10) $1 \times 6 =$	6
11) $3 \times 6 =$	18
12) $12 \times 6 =$	72
13) $7 \times 6 =$	42
14) $9 \times 6 =$	54
15) $3 \times 6 =$	18
16) $5 \times 6 =$	30
17) $9 \times 6 =$	54
18) $8 \times 6 =$	48
19) $0 \times 6 =$	0
20) $3 \times 6 =$	18
21) $4 \times 6 =$	24
22) $3 \times 6 =$	18
23) $4 \times 6 =$	24
24) $10 \times 6 =$	60
25) $5 \times 6 =$	30
26) $10 \times 6 =$	60
27) $1 \times 6 =$	6
28) $7 \times 6 =$	42
29) $2 \times 6 =$	12
30) $3 \times 6 =$	18
31) $12 \times 6 =$	72
32) $8 \times 6 =$	48
33) $10 \times 6 =$	60

34) $1 \times 6 =$	6
35) $7 \times 6 =$	42
36) $12 \times 6 =$	72
37) $2 \times 6 =$	12
38) $9 \times 6 =$	54
39) $7 \times 6 =$	42
40) $6 \times 6 =$	36
41) $8 \times 6 =$	48
42) $5 \times 6 =$	30
43) $7 \times 6 =$	42
44) $6 \times 6 =$	36
45) $1 \times 6 =$	6
46) $3 \times 6 =$	18
47) $6 \times 6 =$	36
48) $12 \times 6 =$	72
49) $11 \times 6 =$	66
50) $9 \times 6 =$	54
51) $8 \times 6 =$	48
52) $4 \times 6 =$	24
53) $6 \times 6 =$	36
54) $2 \times 6 =$	12
55) $6 \times 6 =$	36
56) $3 \times 6 =$	18
57) $9 \times 6 =$	54
58) $8 \times 6 =$	48
59) $1 \times 6 =$	6
60) $7 \times 6 =$	42
61) $12 \times 6 =$	72
62) $10 \times 6 =$	60
63) $3 \times 6 =$	18
64) $7 \times 6 =$	42
65) $11 \times 6 =$	66
66) $5 \times 6 =$	30

67) $7 \times 6 =$	42
68) $0 \times 6 =$	0
69) $8 \times 6 =$	48
70) $1 \times 6 =$	6
71) $7 \times 6 =$	42
72) $10 \times 6 =$	60
73) $9 \times 6 =$	54
74) $3 \times 6 =$	18
75) $4 \times 6 =$	24
76) $9 \times 6 =$	54
77) $11 \times 6 =$	66
78) $4 \times 6 =$	24
79) $8 \times 6 =$	48
80) $9 \times 6 =$	54
81) $0 \times 6 =$	0
82) $12 \times 6 =$	72
83) $4 \times 6 =$	24
84) $2 \times 6 =$	12
85) $5 \times 6 =$	30
86) $7 \times 6 =$	42
87) $8 \times 6 =$	48
88) $3 \times 6 =$	18
89) $0 \times 6 =$	0
90) $10 \times 6 =$	60
91) $6 \times 6 =$	36
92) $0 \times 6 =$	0
93) $4 \times 6 =$	24
94) $8 \times 6 =$	48
95) $9 \times 6 =$	54
96) $3 \times 6 =$	18
97) $6 \times 6 =$	36
98) $2 \times 6 =$	12
99) $7 \times 6 =$	42



99 Times!

How quickly can you answer these 99 times tables questions?



1) $10 \times 7 =$
2) $7 \times 7 =$
3) $3 \times 7 =$
4) $8 \times 7 =$
5) $9 \times 7 =$
6) $11 \times 7 =$
7) $5 \times 7 =$
8) $2 \times 7 =$
9) $6 \times 7 =$
10) $7 \times 7 =$
11) $0 \times 7 =$
12) $1 \times 7 =$
13) $9 \times 7 =$
14) $5 \times 7 =$
15) $8 \times 7 =$
16) $7 \times 7 =$
17) $11 \times 7 =$
18) $0 \times 7 =$
19) $12 \times 7 =$
20) $3 \times 7 =$
21) $5 \times 7 =$
22) $2 \times 7 =$
23) $4 \times 7 =$
24) $5 \times 7 =$
25) $9 \times 7 =$
26) $11 \times 7 =$
27) $4 \times 7 =$
28) $3 \times 7 =$
29) $2 \times 7 =$
30) $6 \times 7 =$
31) $11 \times 7 =$
32) $4 \times 7 =$
33) $8 \times 7 =$

34) $9 \times 7 =$
35) $5 \times 7 =$
36) $2 \times 7 =$
37) $6 \times 7 =$
38) $12 \times 7 =$
39) $0 \times 7 =$
40) $1 \times 7 =$
41) $9 \times 7 =$
42) $7 \times 7 =$
43) $8 \times 7 =$
44) $2 \times 7 =$
45) $12 \times 7 =$
46) $9 \times 7 =$
47) $11 \times 7 =$
48) $0 \times 7 =$
49) $1 \times 7 =$
50) $10 \times 7 =$
51) $12 \times 7 =$
52) $8 \times 7 =$
53) $11 \times 7 =$
54) $9 \times 7 =$
55) $7 \times 7 =$
56) $8 \times 7 =$
57) $1 \times 7 =$
58) $4 \times 7 =$
59) $5 \times 7 =$
60) $7 \times 7 =$
61) $3 \times 7 =$
62) $8 \times 7 =$
63) $1 \times 7 =$
64) $5 \times 7 =$
65) $11 \times 7 =$
66) $3 \times 7 =$

67) $4 \times 7 =$
68) $5 \times 7 =$
69) $2 \times 7 =$
70) $7 \times 7 =$
71) $8 \times 7 =$
72) $6 \times 7 =$
73) $1 \times 7 =$
74) $7 \times 7 =$
75) $2 \times 7 =$
76) $11 \times 7 =$
77) $9 \times 7 =$
78) $3 \times 7 =$
79) $10 \times 7 =$
80) $4 \times 7 =$
81) $8 \times 7 =$
82) $5 \times 7 =$
83) $7 \times 7 =$
84) $2 \times 7 =$
85) $5 \times 7 =$
86) $6 \times 7 =$
87) $11 \times 7 =$
88) $12 \times 7 =$
89) $7 \times 7 =$
90) $9 \times 7 =$
91) $5 \times 7 =$
92) $10 \times 7 =$
93) $8 \times 7 =$
94) $1 \times 7 =$
95) $3 \times 7 =$
96) $7 \times 7 =$
97) $11 \times 7 =$
98) $4 \times 7 =$
99) $2 \times 7 =$



99 Times!

How quickly can you answer these 99 times tables questions?



1) $10 \times 7 =$	70
2) $7 \times 7 =$	49
3) $3 \times 7 =$	21
4) $8 \times 7 =$	56
5) $9 \times 7 =$	63
6) $11 \times 7 =$	77
7) $5 \times 7 =$	35
8) $2 \times 7 =$	14
9) $6 \times 7 =$	42
10) $7 \times 7 =$	49
11) $0 \times 7 =$	0
12) $1 \times 7 =$	7
13) $9 \times 7 =$	63
14) $5 \times 7 =$	35
15) $8 \times 7 =$	56
16) $7 \times 7 =$	49
17) $11 \times 7 =$	77
18) $0 \times 7 =$	0
19) $12 \times 7 =$	84
20) $3 \times 7 =$	21
21) $5 \times 7 =$	35
22) $2 \times 7 =$	14
23) $4 \times 7 =$	28
24) $5 \times 7 =$	35
25) $9 \times 7 =$	63
26) $11 \times 7 =$	77
27) $4 \times 7 =$	28
28) $3 \times 7 =$	21
29) $2 \times 7 =$	14
30) $6 \times 7 =$	42
31) $11 \times 7 =$	77
32) $4 \times 7 =$	28
33) $8 \times 7 =$	56

34) $9 \times 7 =$	63
35) $5 \times 7 =$	35
36) $2 \times 7 =$	14
37) $6 \times 7 =$	42
38) $12 \times 7 =$	84
39) $0 \times 7 =$	0
40) $1 \times 7 =$	7
41) $9 \times 7 =$	63
42) $7 \times 7 =$	49
43) $8 \times 7 =$	56
44) $2 \times 7 =$	14
45) $12 \times 7 =$	84
46) $9 \times 7 =$	63
47) $11 \times 7 =$	77
48) $0 \times 7 =$	0
49) $1 \times 7 =$	7
50) $10 \times 7 =$	70
51) $12 \times 7 =$	84
52) $8 \times 7 =$	56
53) $11 \times 7 =$	77
54) $9 \times 7 =$	63
55) $7 \times 7 =$	49
56) $8 \times 7 =$	56
57) $1 \times 7 =$	7
58) $4 \times 7 =$	28
59) $5 \times 7 =$	35
60) $7 \times 7 =$	49
61) $3 \times 7 =$	21
62) $8 \times 7 =$	56
63) $1 \times 7 =$	7
64) $5 \times 7 =$	35
65) $11 \times 7 =$	77
66) $3 \times 7 =$	21

67) $4 \times 7 =$	28
68) $5 \times 7 =$	35
69) $2 \times 7 =$	14
70) $7 \times 7 =$	49
71) $8 \times 7 =$	56
72) $6 \times 7 =$	42
73) $1 \times 7 =$	7
74) $7 \times 7 =$	49
75) $2 \times 7 =$	14
76) $11 \times 7 =$	77
77) $9 \times 7 =$	63
78) $3 \times 7 =$	21
79) $10 \times 7 =$	70
80) $4 \times 7 =$	28
81) $8 \times 7 =$	56
82) $5 \times 7 =$	35
83) $7 \times 7 =$	49
84) $2 \times 7 =$	14
85) $5 \times 7 =$	35
86) $6 \times 7 =$	42
87) $11 \times 7 =$	77
88) $12 \times 7 =$	84
89) $7 \times 7 =$	49
90) $9 \times 7 =$	63
91) $5 \times 7 =$	35
92) $10 \times 7 =$	70
93) $8 \times 7 =$	56
94) $1 \times 7 =$	7
95) $3 \times 7 =$	21
96) $7 \times 7 =$	49
97) $11 \times 7 =$	77
98) $4 \times 7 =$	28
99) $2 \times 7 =$	14

FACT FAMILIES

Can you use the numbers in each triangle to make two multiplication facts and two division facts?

1.

<div style="text-align: center;"> \triangle 42 7 6 </div>			
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\div	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\div	<input type="text"/>	$=$ <input type="text"/>

2.

<div style="text-align: center;"> \triangle 72 12 6 </div>			
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\div	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\div	<input type="text"/>	$=$ <input type="text"/>

3.

<div style="text-align: center;"> \triangle 30 5 6 </div>			
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\div	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\div	<input type="text"/>	$=$ <input type="text"/>

4.

<div style="text-align: center;"> \triangle 12 2 6 </div>			
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\div	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\div	<input type="text"/>	$=$ <input type="text"/>

5.

<div style="text-align: center;"> \triangle 24 4 6 </div>			
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\div	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\div	<input type="text"/>	$=$ <input type="text"/>

6.

<div style="text-align: center;"> \triangle 60 10 6 </div>			
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\times	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\div	<input type="text"/>	$=$ <input type="text"/>
<input type="text"/>	\div	<input type="text"/>	$=$ <input type="text"/>

FACT FAMILIES

Can you use the numbers in each triangle to make two multiplication facts and two division facts?

1.

				32							
4								8			
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	

2.

				72							
9								8			
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	

3.

				48							
6								8			
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	

4.

				56							
7								8			
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	

5.

				64							
8								8			
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	

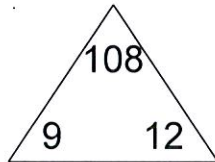
6.

				8							
1								8			
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>		<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>	

FACT FAMILIES

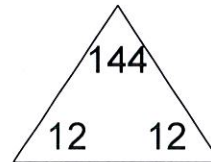
Can you use the numbers in each triangle to make two multiplication facts and two division facts?

1.



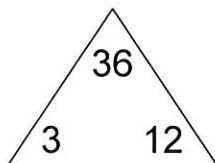
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>

2.



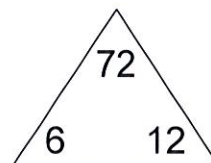
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>

3.



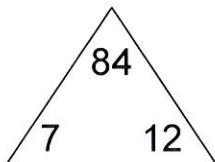
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>

4.



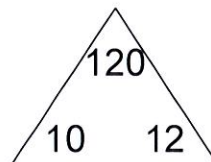
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>

5.



<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	x	<input type="text"/>	=	<input type="text"/>
<input type="text"/>	÷	<input type="text"/>	=	<input type="text"/>
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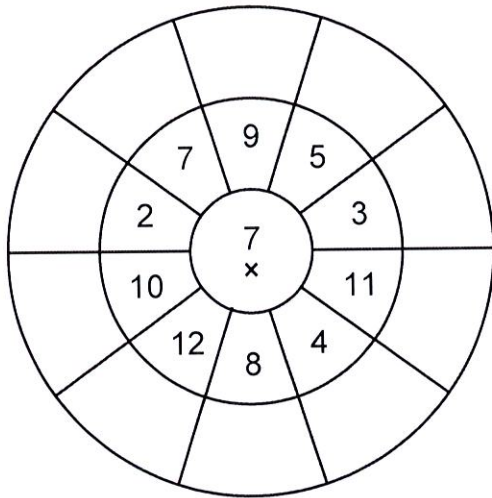


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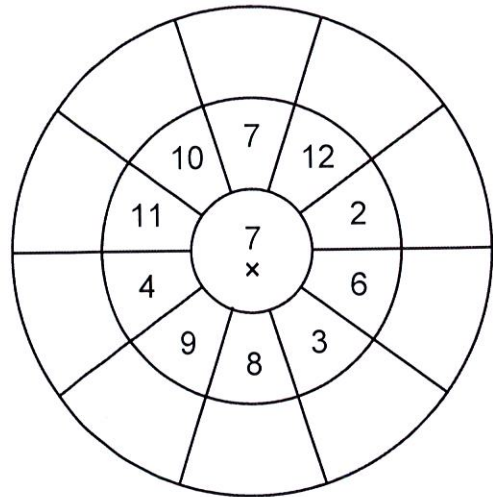
TARGET TABLES

Complete the outer ring of each target board by multiplying the numbers in each section.

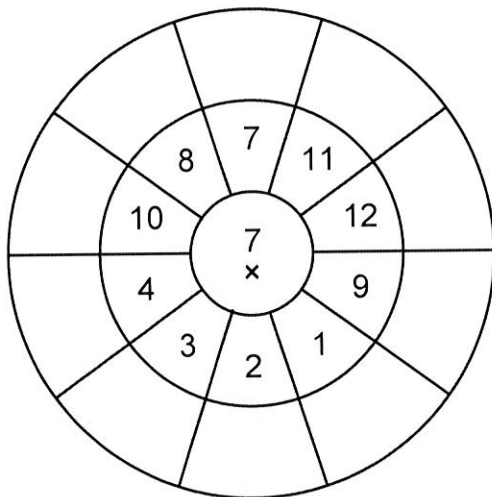
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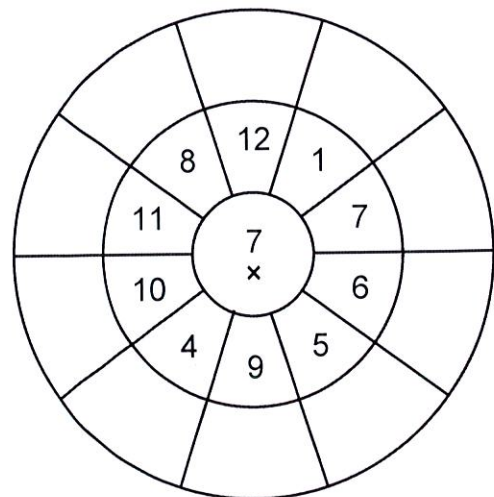
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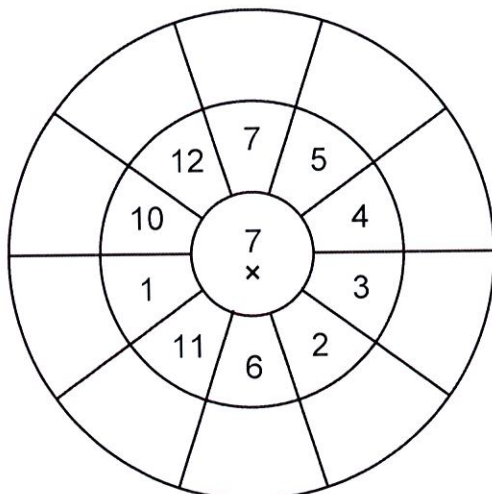
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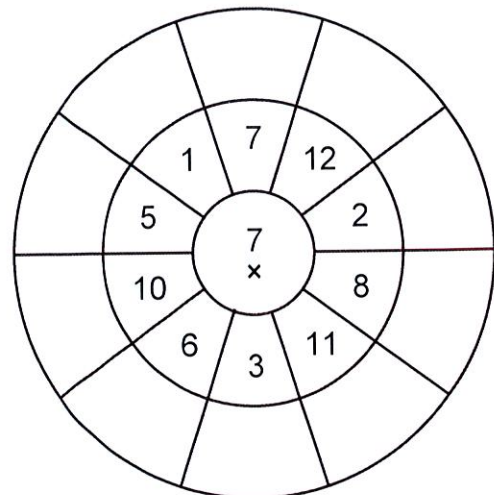
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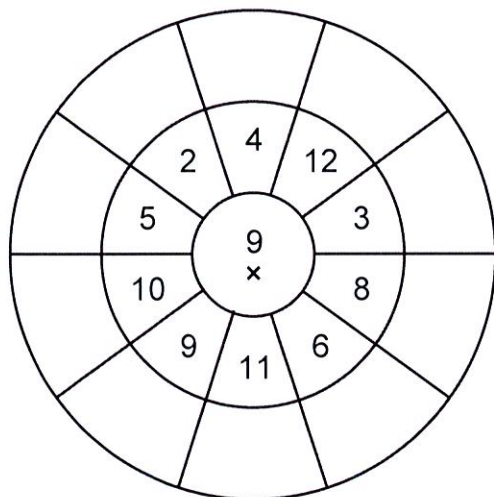
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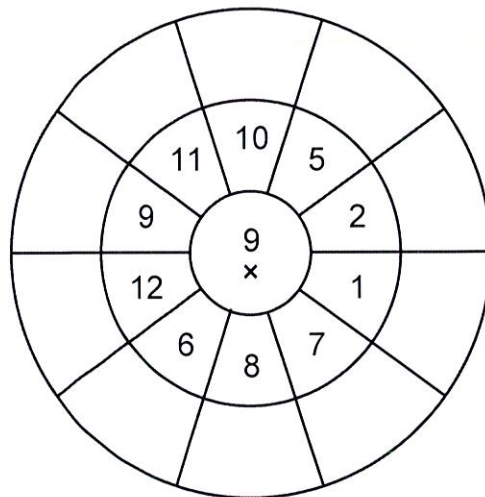
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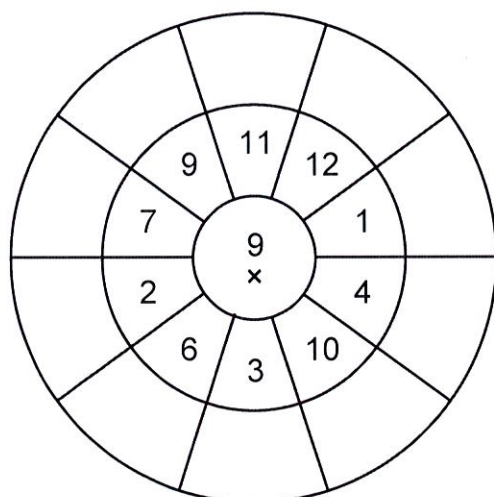
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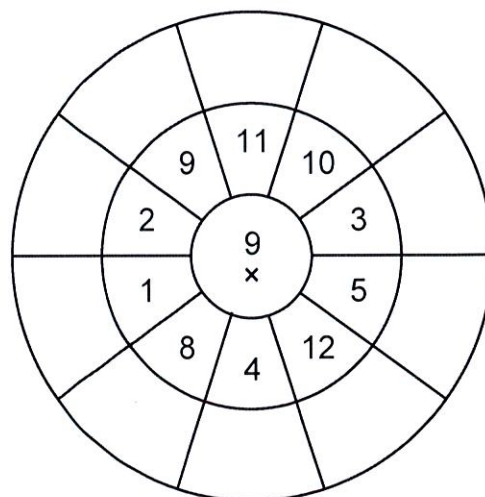
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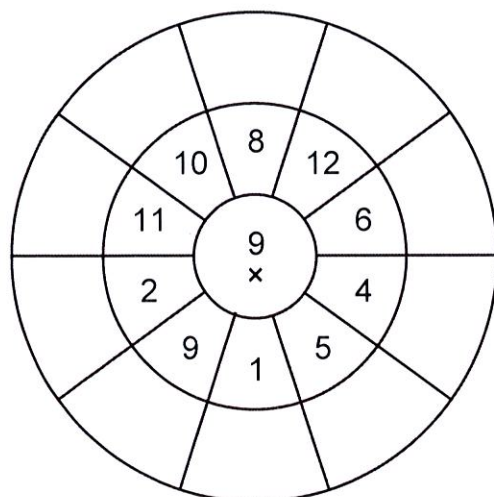
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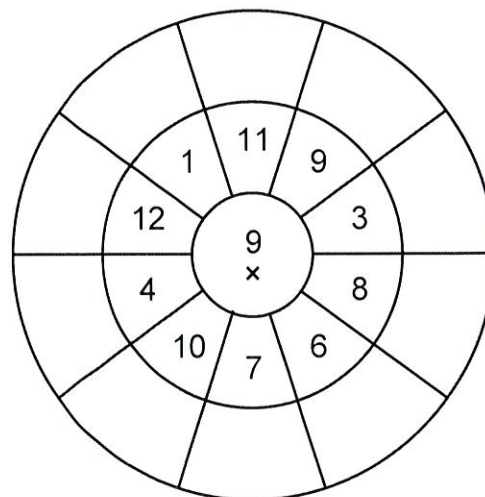
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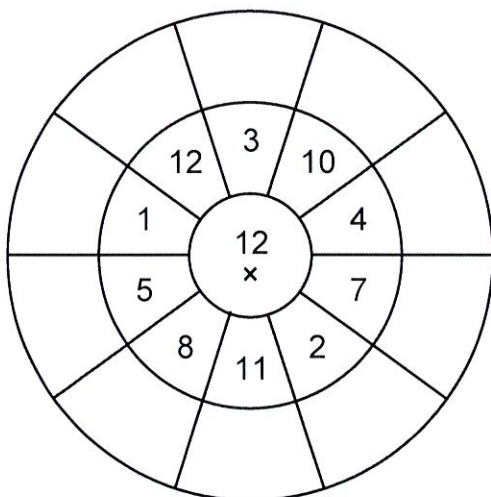
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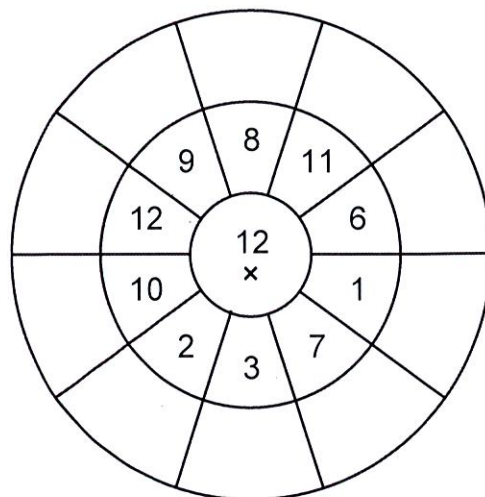
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Complete the outer ring of each target board by multiplying the numbers in each section.

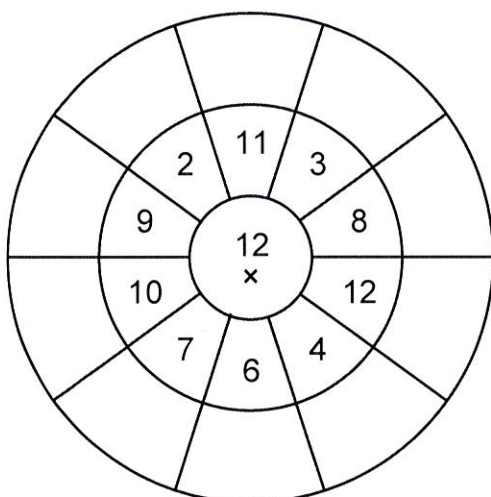
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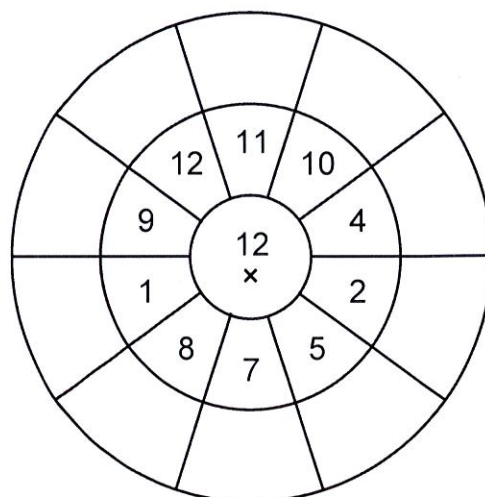
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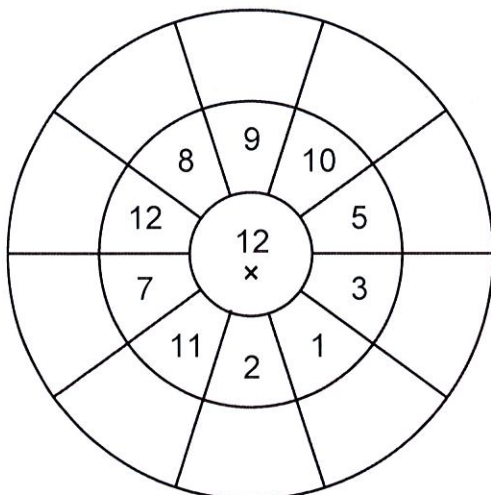
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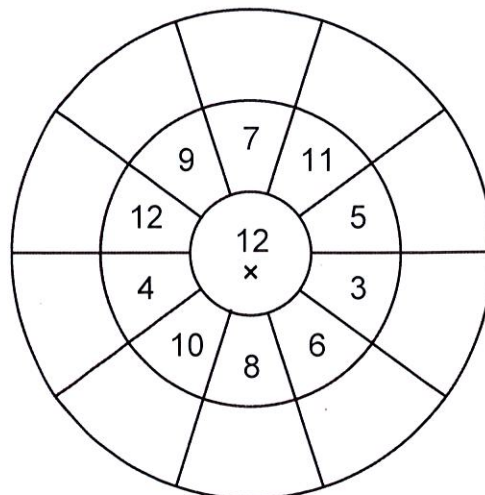
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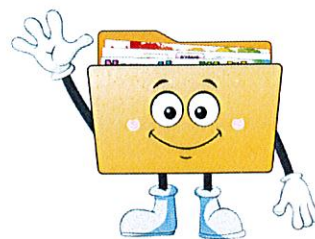


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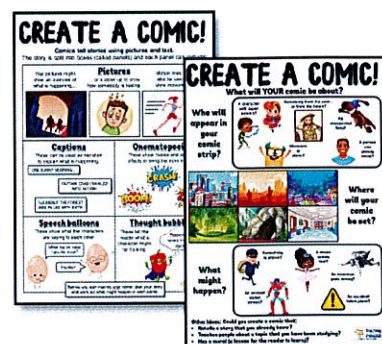


CREATE A COMIC!

Do you enjoy reading comics?
Let's try making one of your own!

When you are working on this project, you will:

- Learn what a comic is,
- Discover the different features of a comic,
- Think about the characters, settings and plots that a comic might include.
- Create your own comic.



Did you know that comic strips were first produced in the 1830s!

Many famous superheroes first appeared in comics, including Spider-Man, Supergirl, the Hulk and Captain Marvel.

The Beano is the longest running British children's comic magazine. It was first made in July 1938!

This pack includes:

- Information to help you find out about comics,
- Ideas to help you create your comic,
- Templates that you can use to create your comic strips.



If you enjoy this project, why not...?

- Read some comics and books that include comic strips (e.g. the Beano, Captain Underpants, Dog Man).
- Visit www.makebeliefscomix.com and make your own comic online.



• Use a mobile app to make your own comics. Comic Life is one of our favourites, and it is available on Windows, Mac, Android and iOS.

CREATE A COMIC!

Comics tell stories using pictures and text.

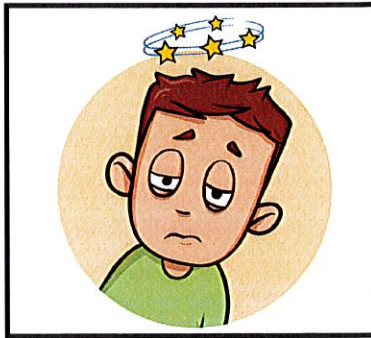
The story is split into boxes (called panels) and each panel can include:

Your pictures might show an overview of what is happening...

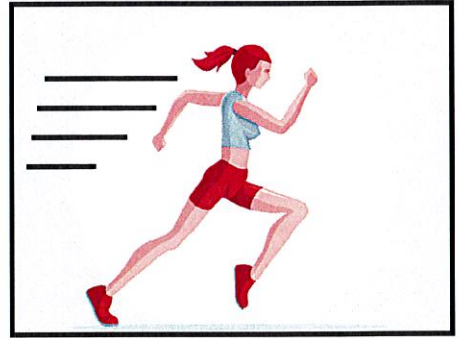


Pictures

... or a close-up to show how somebody is feeling.



Motion lines can also be used to show movement.



Captions

These can be used as narration to explain what is happening.

ONE SUNNY MORNING...

CAPTAIN CRAB CRAWLED INTO ACTION!

SUDDENLY, THE FOREST WAS FILLED WITH BATS!

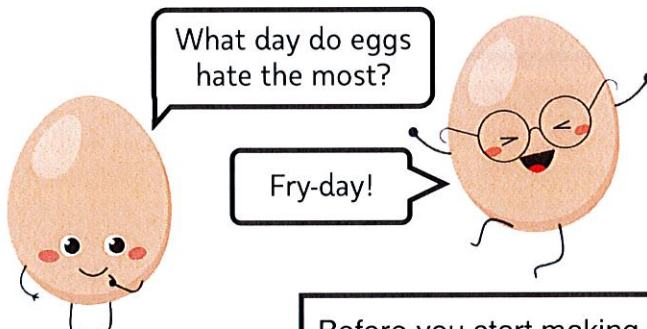
Onomatopoeia

These show noises and sound effects to bring the story to life!



Speech balloons

These show what the characters are saying to each other.



Thought bubbles

These tell the reader what a character might be thinking.



Before you start making your comic, plan your story and work out what might happen in each panel.

CREATE A COMIC!

What will **YOUR** comic be about?

Who will
appear in
your
comic
strip?

A character
with super
powers?



Somebody from the past...
or from the future?



An
unexpected
hero?



Monsters
or
aliens?



A person
you
already
know?



Where
will your
comic
be set?

What
might
happen?

Something
is stolen?



An unusual
visitor
arrives?



A dream
comes
true?



An invention
goes wrong?

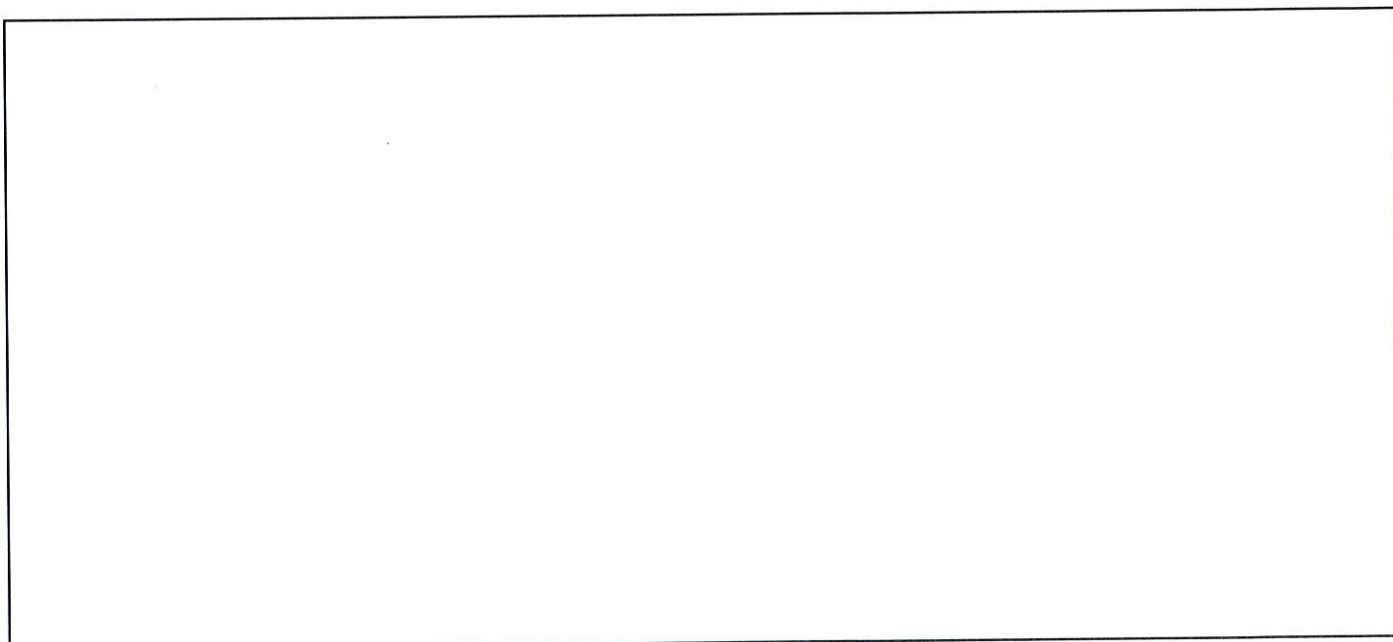
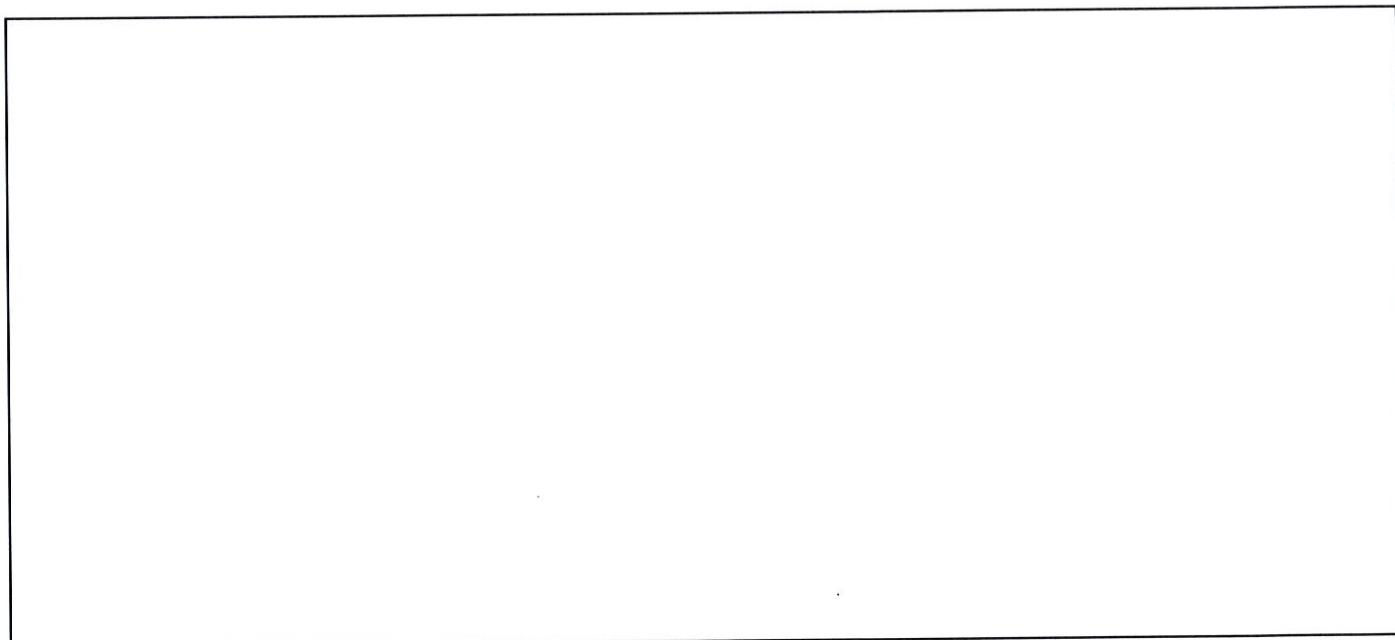
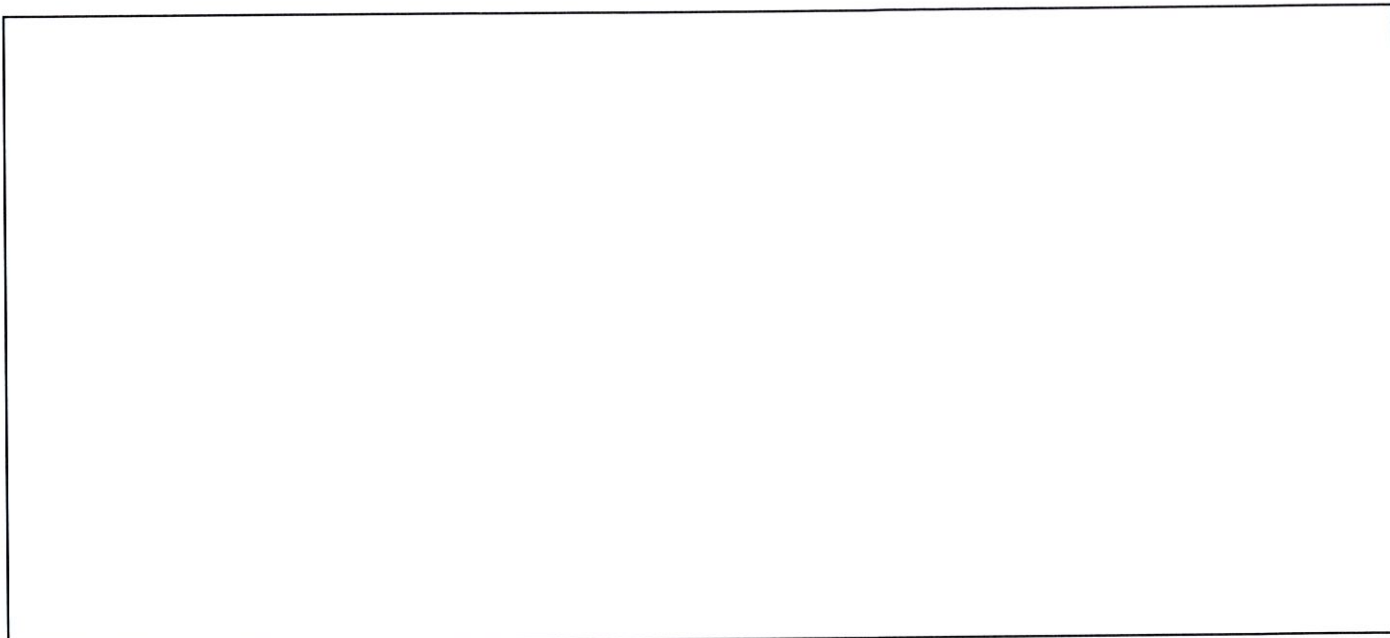


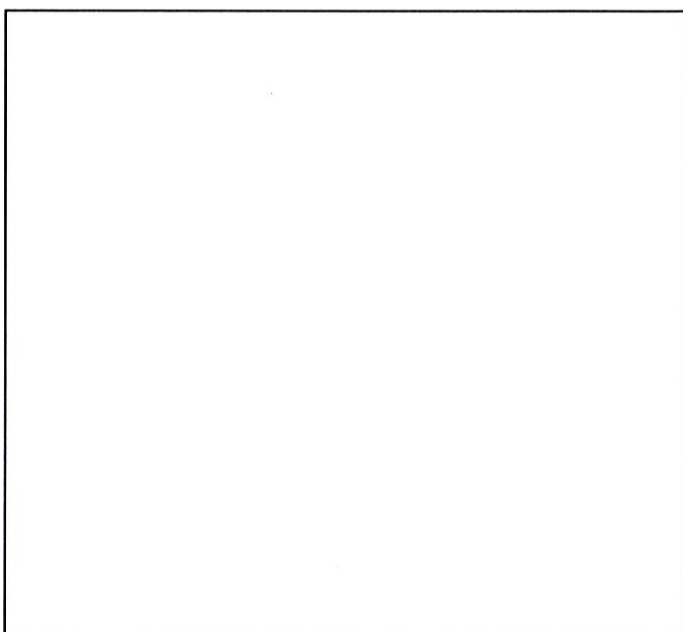
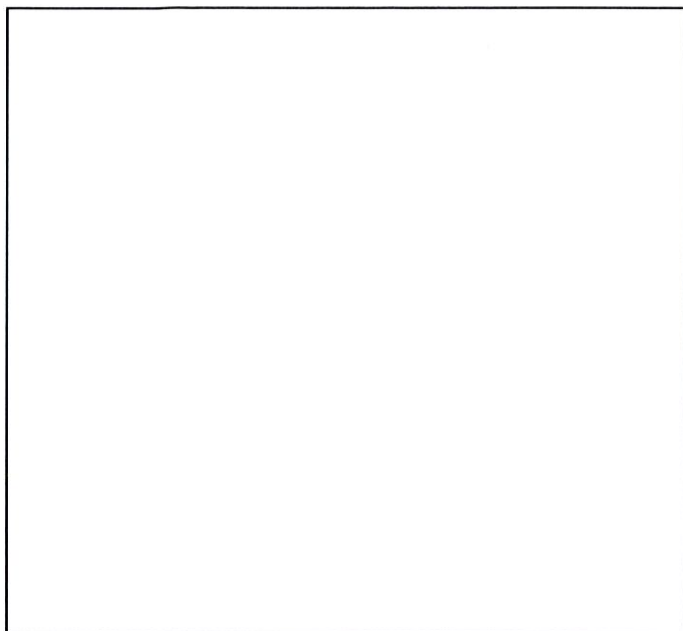
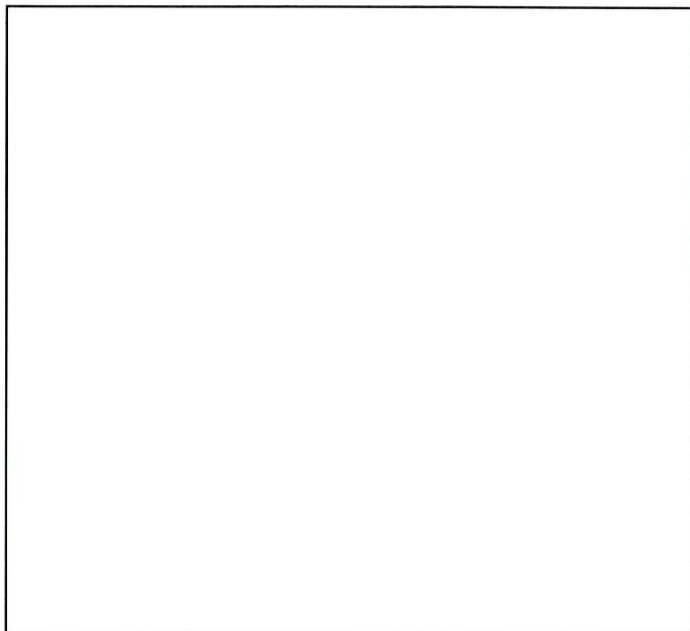
An accident
takes place?

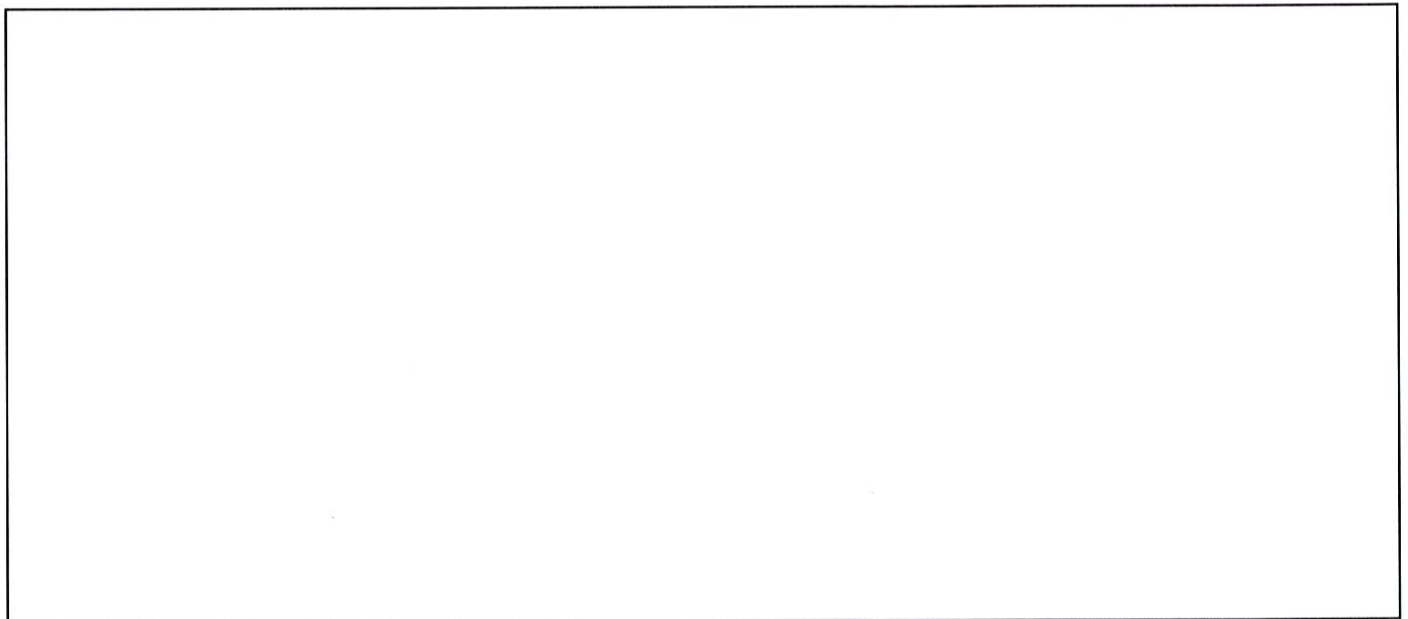
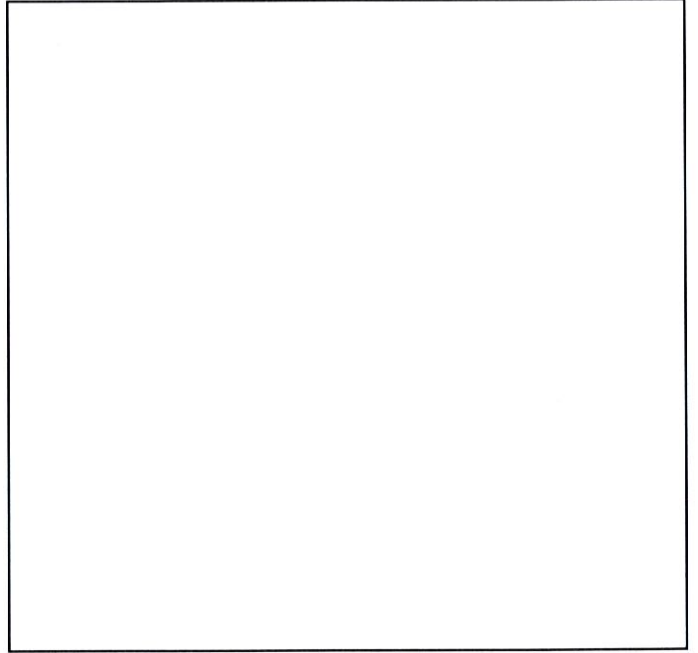
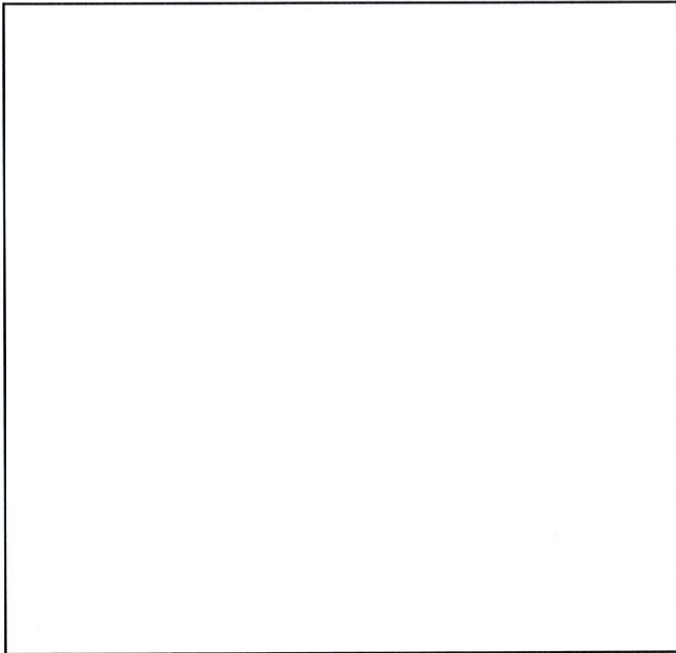
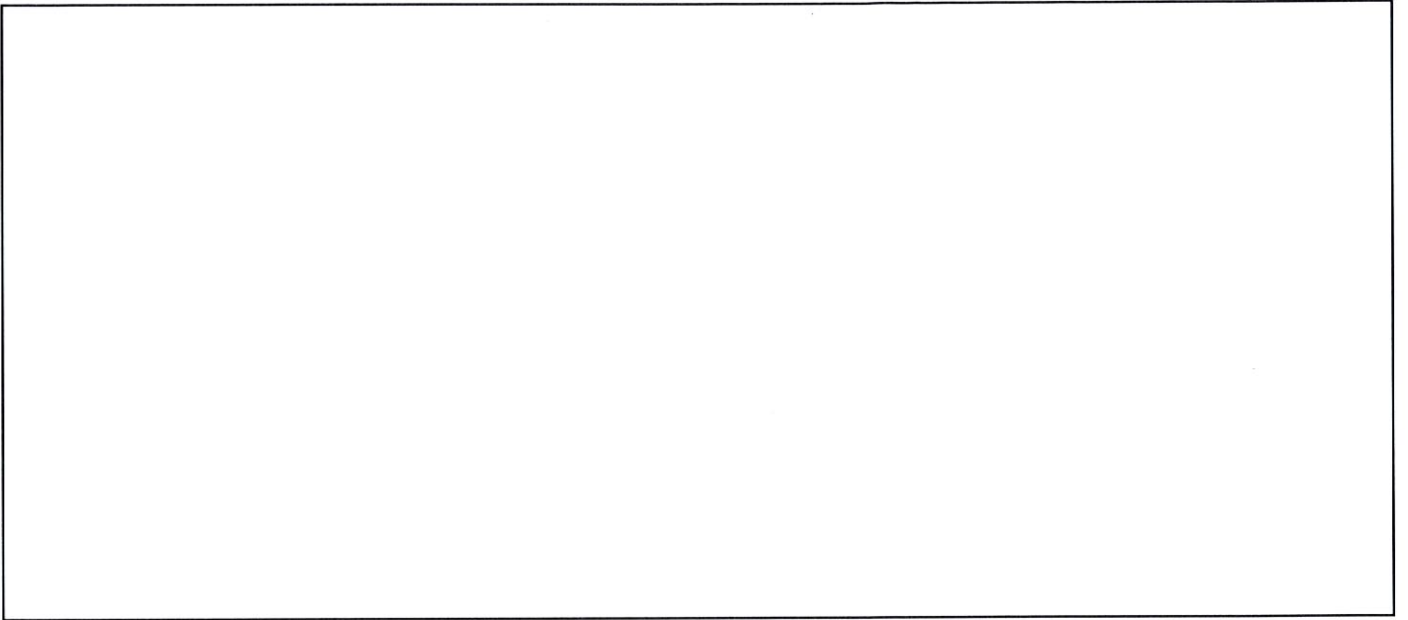


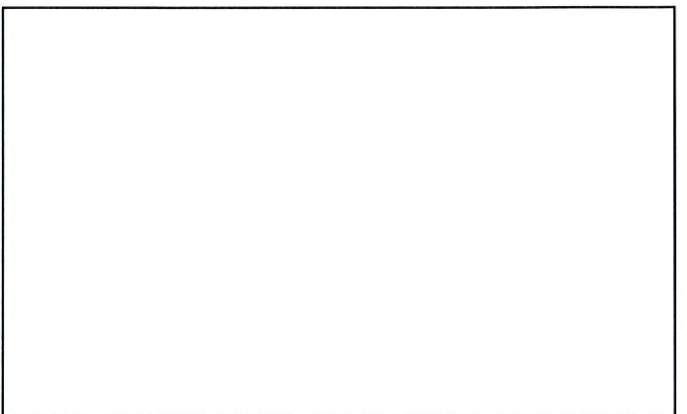
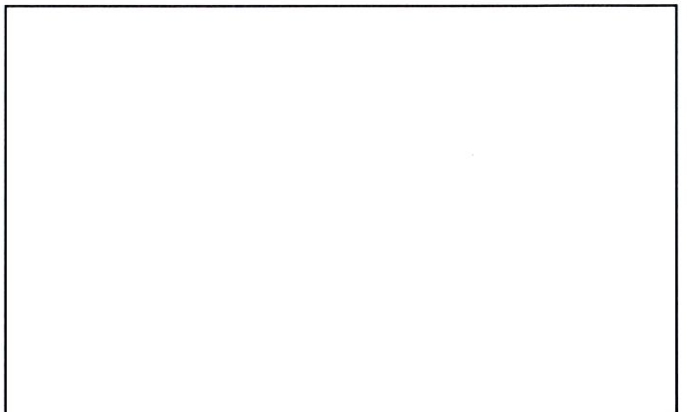
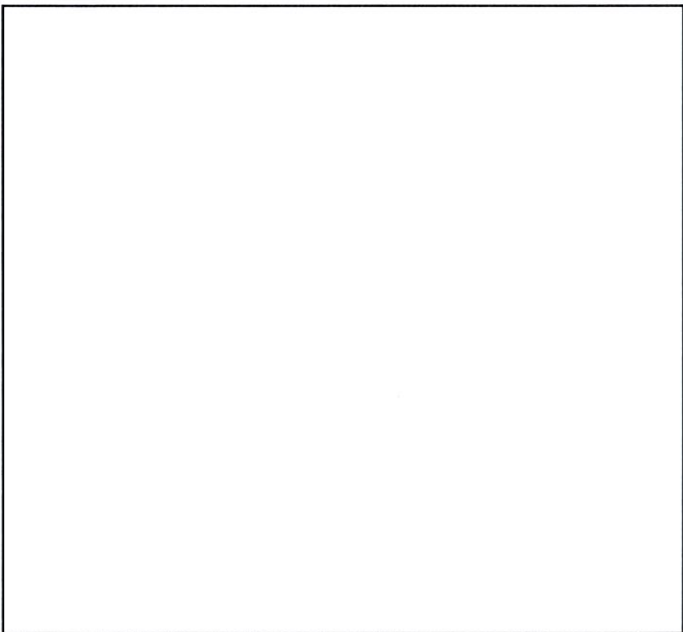
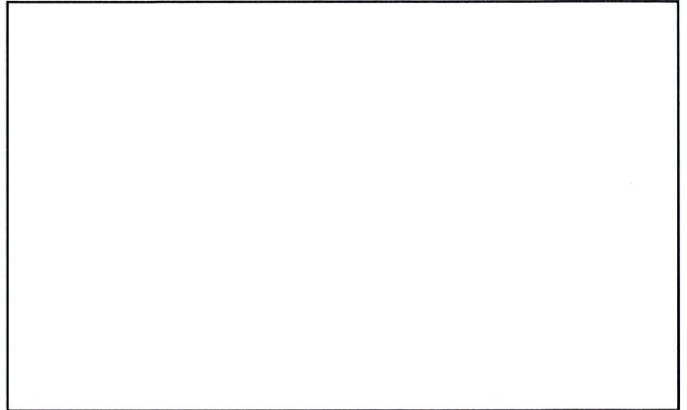
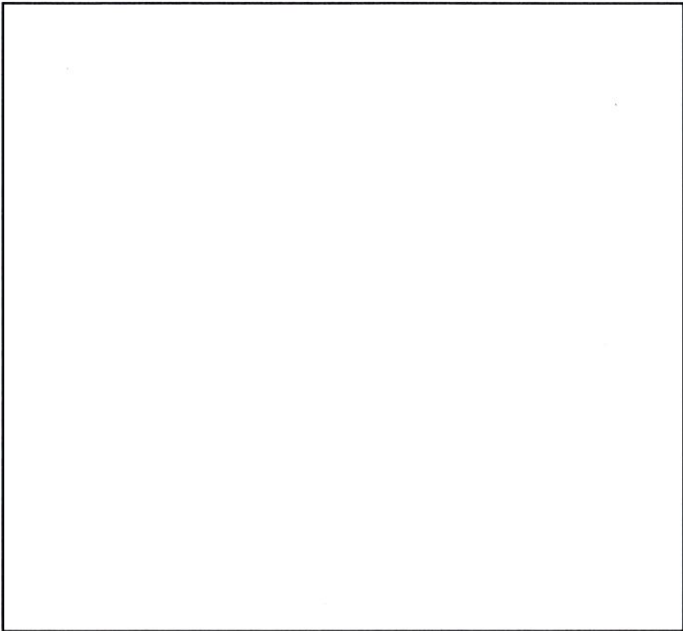
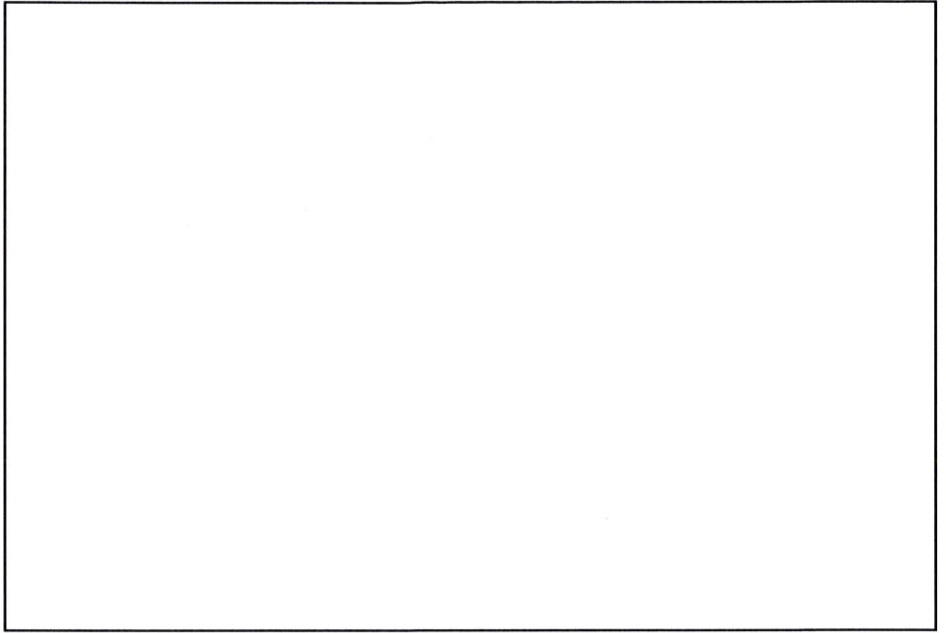
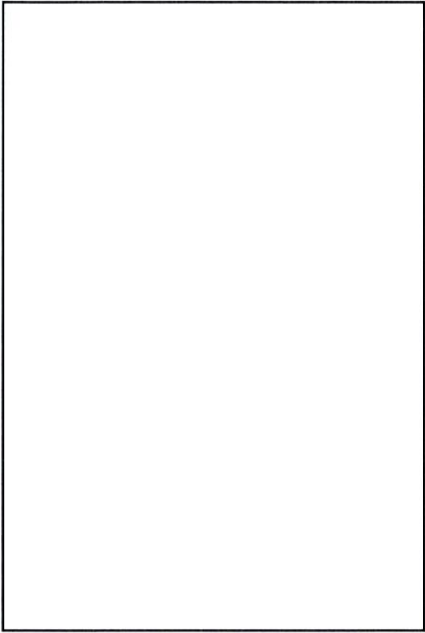
Other Ideas: Could you create a comic that:

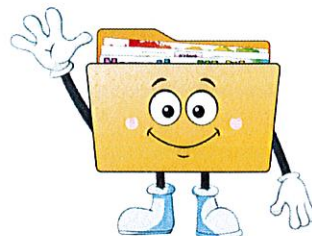
- Retells a story that you already know?
- Teaches people about a topic that you have been studying?
- Has a moral (a lesson for the reader to learn)?











DREAM HOMES

Have you ever imagined what your dream home might be like?
Let's design a new house...

When you are working on this project, you will:

- Look at examples of homes around the world,
- Identify the different rooms and features of houses and homes,
- Plan and design your ideal home!

The narrowest house in the world is in Poland. Keret House is just 92cm at its narrowest and 152cm at its widest!

The word 'house' comes from the old English 'hus' which means 'dwelling or shelter'.

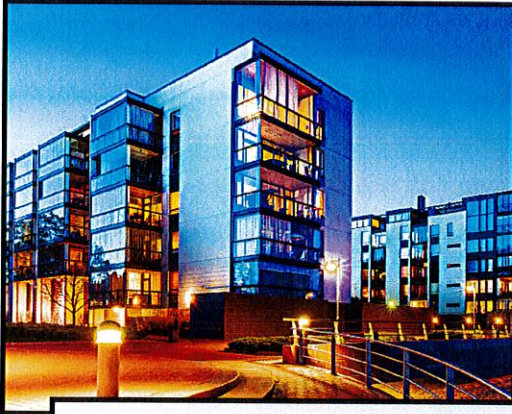
The most expensive private house in the world is a 27-storey skyscraper in India. It has swimming pools, a theatre and 168 parking spaces!

This pack includes:

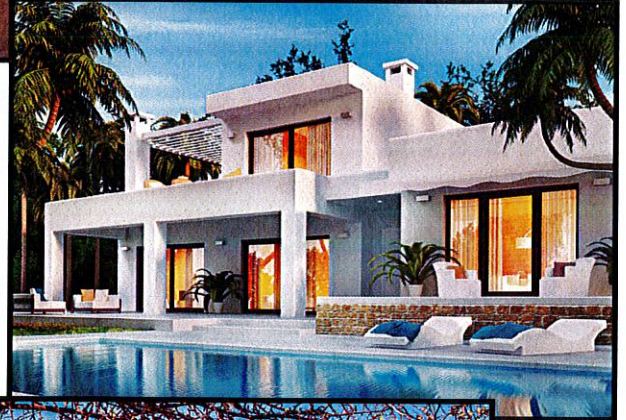
- Photos of houses and homes to explore,
- Ideas for things that you can include in your house.
- Templates to help your plan your own dream home.

If you enjoy this project, why not...?

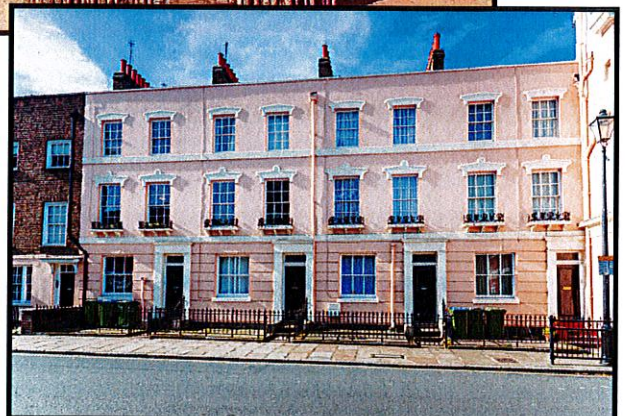
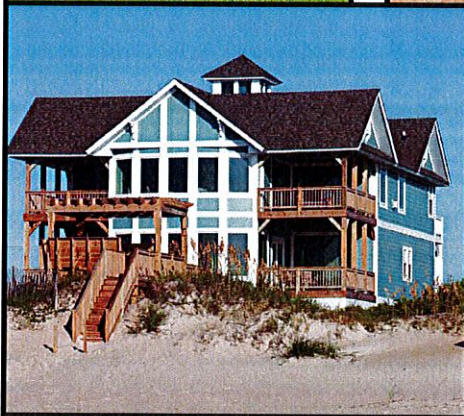
- Think about where you live now. Could you draw a sketch of the outside or make a plan view of the spaces inside?
- Look at houses and homes in your local area. Which ones do you like the most? Why?
- Ask an older friend or family member where they lived when they were younger. How was their childhood home different from their home today?
- Draw a labelled diagram to show what a house might be like in the future.



Which of these homes would you like to live in?

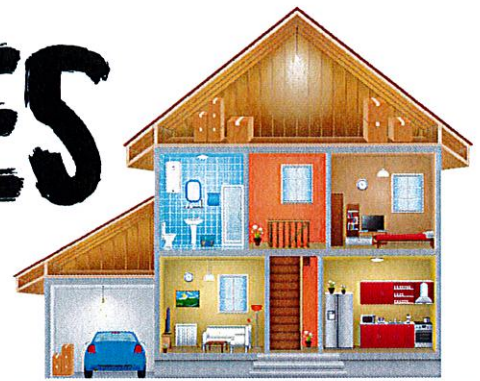


Which parts of each house do you like most?



DREAM HOMES

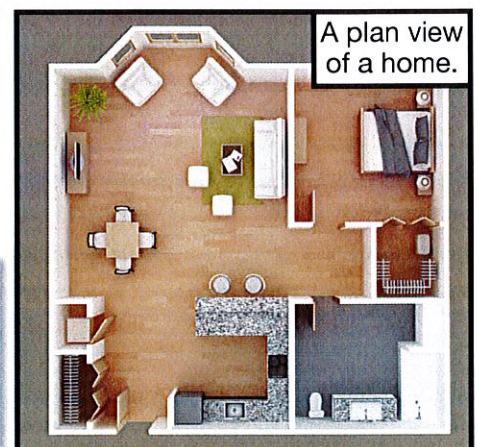
A home can have many different parts.
Which of these rooms or features would
you like in your dream home?



Other parts might include:

Basement	Foyer	Laundry room	Garage
Pantry	Dining room	Sunroom	Home gym
Guest room	Shrine	Storage room	Library
Den	Larder	Workshop	Conservatory

- Use the templates on the following pages to:
1. Create a picture to show what your house might look like from the outside,
 2. Draw a plan view of the rooms and areas it will have on the inside.



A plan view of a home.

Use this page to draw a sketch of your home.
What will it look like from the outside?
Can you draw different views of the front, back and sides?

A large grid of blue lines on a white background, intended for drawing a floor plan. The grid is composed of 20 columns and 20 rows of squares, providing a structured space for students to draw and label the rooms of their dream home.

Use this page to draw a plan view of one floor of your dream home.
What rooms will it have? What will be inside each room?
Remember to label the different parts.



GAME MAKER

**Have you ever wanted to design your own video game?
Let's create a character and a level for a brand new game!**

When you are working on this project, you will:

- Think about the characters that can be controlled in a game,
- Identify the parts of a video game's level,
- Create your own character and level for a new game.

One of the first successful video games was Pong. It was released in 1972 and simulates table tennis.

Sonic the Hedgehog was originally planned to be a rabbit. Even after the designers changed the character to a hedgehog, one idea for his name was Mr. Needlemouse.

The creator of Pokemon used to collect caterpillars and watch them turn into butterflies. This later inspired him to make Pokemon.

This pack includes:

- Examples of characters that might appear in video games,
- An example of a level for a platform game and information about the different parts of it,
- Planning sheets to help you design your own game!

If you enjoy this project, why not...?

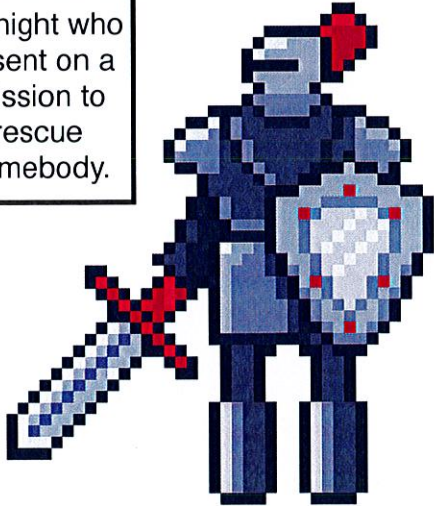
- Design your own poster or video advert to promote your game.
- Produce a set of instructions (or a guide book) to teach people how to play your game.
- Use a free online tool like Scratch to try coding your own games.
- Try other coding projects on the Hour of Code site.



GAME MAKER

Many video games have a character that the player can control.
Here are some ideas that you could use for your own game.

A knight who is sent on a mission to rescue somebody.



A superhero who must overcome evil villains.



A unicorn who needs to collect magical crystals.



A woodland animal who is lost in a different habitat.



An astronaut who travels to undiscovered parts of space.



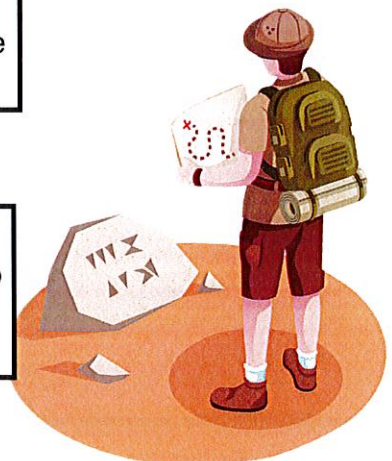
An athlete who must race from one place to another.



A pet who needs to find their owner.



An explorer who is on a journey to discover hidden treasures.



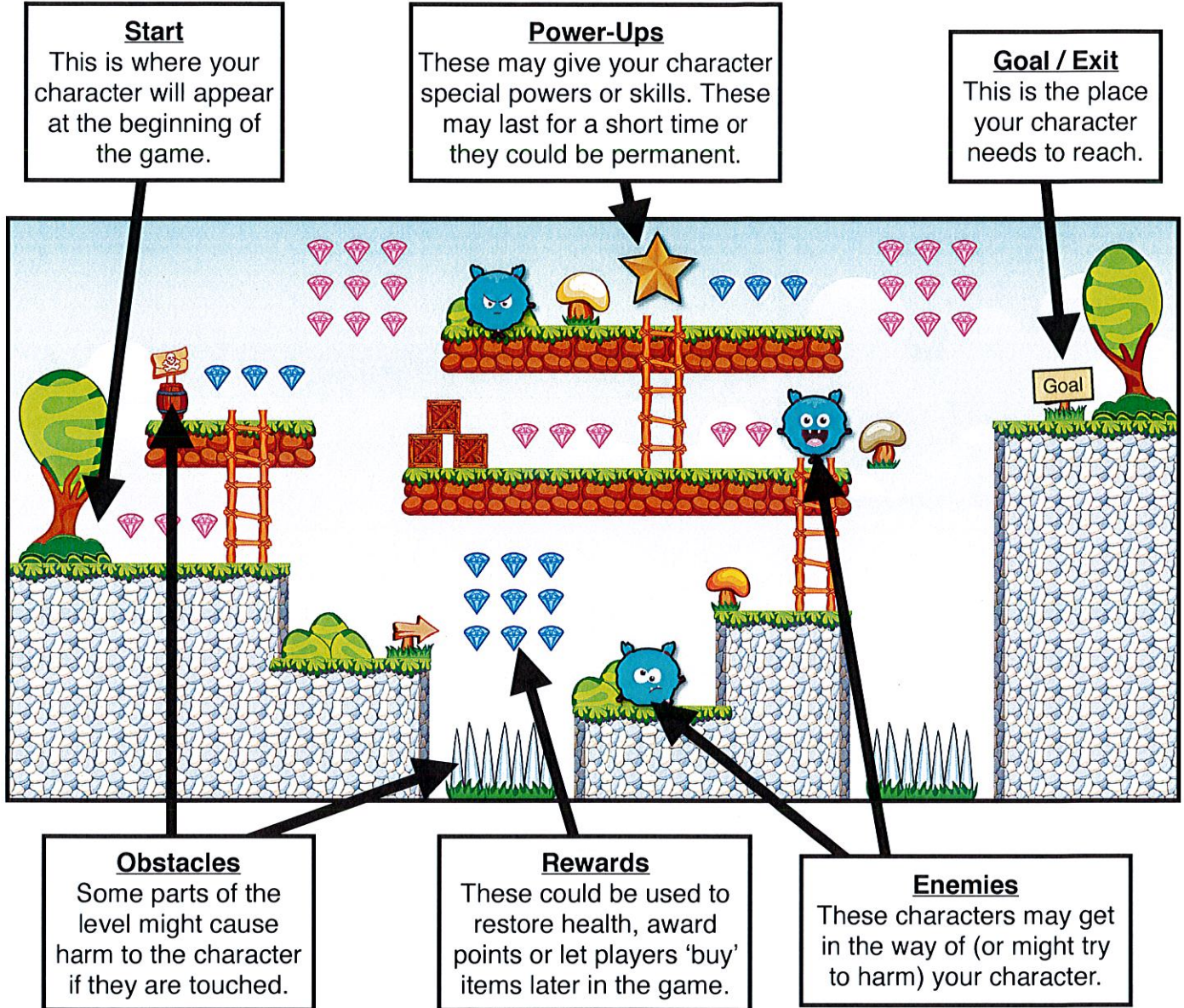
Other things to think about:

- Does your character have special powers, skills or tools?
- What is their 'backstory'? Where did they come from?
- Why do they need to complete the challenge in your game?
- Do they have a 'sidekick' (a companion who can help them in the game)?

GAME MAKER

Where will your game take place?

Here is an example of a level for a simple platform game.



Other things to think about:

- Where will your level be set? How does it relate to your character?
For example, will an astronaut travel through a space-themed level? Will a bear explore a level set in a forest?
- How will the player know which way to go? Can you set a path to direct them from the start to the goal / exit?
- Some levels have hidden features that players have to find. Can you add one of those to your game?

Now, use the templates on the following pages to design a character for your game and to plan a level for the character to explore!

My Game Character

Name

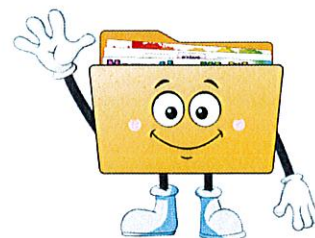
**Special Powers,
Skills or Tools**

Draw a picture of your character below:

**What does your character
have to do in the game?**

**Who (or what) does your
character have to overcome?**

Use this page to design a level for your game.
*Where will the character start? Where is the goal?
What rewards and obstacles will they encounter along the way?*

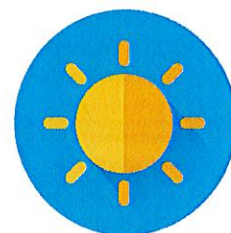


WEATHER WATCH

What is the weather like in your area?
Let's try watching the weather and see how it changes...

When you are working on this project, you will:

- Learn about the different types of weather that we experience,
- Record what the weather is like each day,
- See how the weather changes over time.



Cherrapunji in India had the most rainfall ever recorded. Over 25 metres of rain fell in one year!

Weather is the day to day change in the atmosphere, but the climate tells us how the weather has changed over a much longer period (e.g. 30 years).

There are millions of lightning storms around the Earth every year.

This pack includes:

- Information about the different types of weather,
- Pictures of symbols that we use to represent the weather,
- Recording sheets to help you draw or write your weather data.

If you enjoy this project, why not...?

- Watch (or listen to) a weather report for your area. Could you use a mobile device to record your own audio or video report?
- Use [DKfindout](#) to learn more about the topic.
- Make your own weather station [using these instructions](#) from the Met Office.

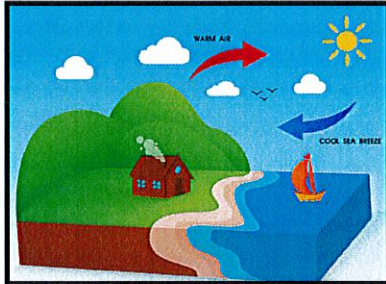


- Use a weather site (e.g. Wunderground) to:
 - Look at the weather forecast for your area,
 - Look at historical weather data for where you live,
 - Compare the weather with other places around the world.

WEATHER WATCH

What do you know about the weather?

The weather affects our daily lives; it influences the clothes that we wear, the activities that we do and even the food we eat.



The Sun

The sun is the main factor driving our weather. When the heat of the sun reaches the atmosphere, it heats up the air. Hot air moves towards cooler areas, causing wind currents and moving the air and the moisture in it.

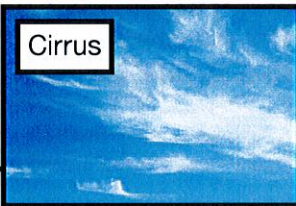
Wind

The wind is the air moving from one place to another. The wind speed is measured using an **anemometer** and the direction with a **weather vane**.

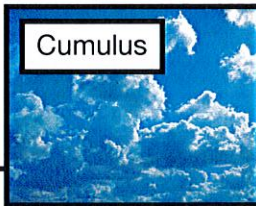
Clouds

Clouds are made from droplets of water or ice crystals. This water comes from the air. As the warm air rises, it cools and condenses (changes from a vapour to a liquid) and the droplets form clouds. There are many different types of clouds. Here are some of them:

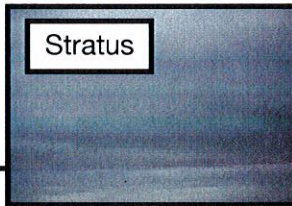
Cirrus



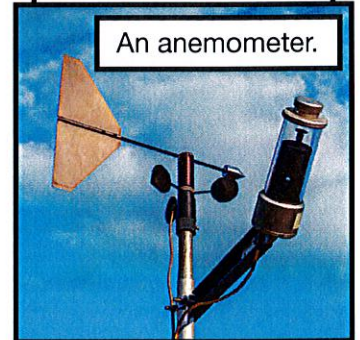
Cumulus



Stratus

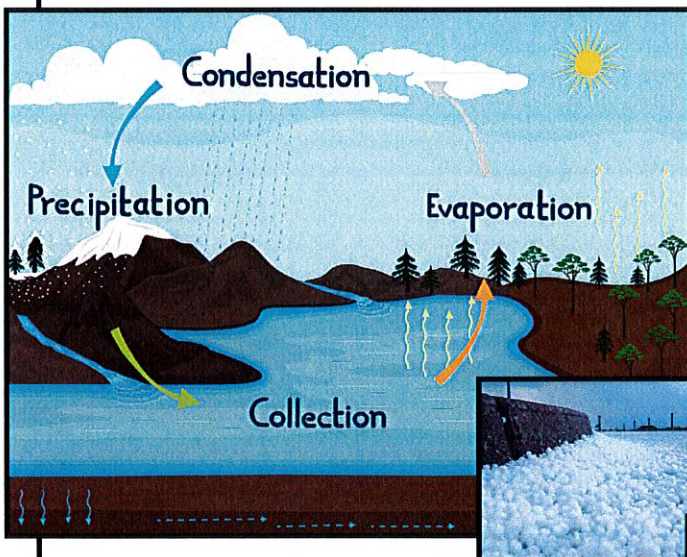


An anemometer.



Precipitation

Precipitation is the name for water that falls to the Earth from clouds. There are different types of precipitation. Some of these include:



Rain



Snow



Hail



Sleet

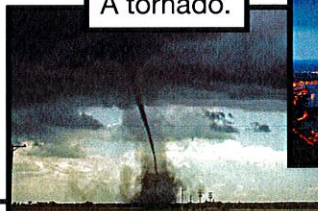


Fog

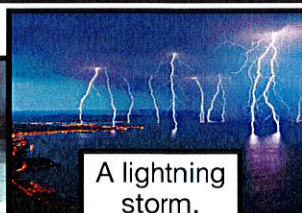
Extreme Weather

From time to time extreme weather can occur, such as flooding caused by heavy rain, thunderstorms and blizzards.

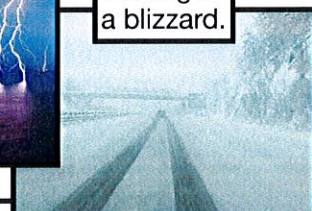
A tornado.



A lightning storm.



Driving in a blizzard.



WEATHER WATCH

We sometimes use symbols to represent the weather.

Have you seen symbols like these
on a TV weather report or in a weather app?

What do you think each symbol represents?



Now, choose one of the recording sheets from this pack
and use it to track the weather data.

When you have finished, think about how the weather
changed during the week. Was there a pattern?

This week's weather

Use the space below to show what the weather is like each day. You could draw a picture, use weather symbols or write a description of what the weather is like.



Monday

Tuesday

Wednesday

Thursday

Friday

<h1>This week's weather</h1>	<p>Use the boxes below to draw a picture of the weather each day. You could also use weather symbols.</p>	<p>Write a description of the weather in the boxes below.</p>
<h2>Monday</h2>		<hr/> <hr/> <hr/> <hr/>
<h2>Tuesday</h2>		<hr/> <hr/> <hr/> <hr/>
<h2>Wednesday</h2>		<hr/> <hr/> <hr/> <hr/>
<h2>Thursday</h2>		<hr/> <hr/> <hr/> <hr/>
<h2>Friday</h2>		<hr/> <hr/> <hr/> <hr/>

This week's weather

Use the space below to show what the weather is like each day. You could draw a picture, use weather symbols or write a description of what the weather is like.



Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

This week's weather	Use the boxes below to draw a picture of the weather each day. You could also use weather symbols.	Write a description of the weather in the boxes below.
Monday		<hr/> <hr/> <hr/>
Tuesday		<hr/> <hr/> <hr/>
Wednesday		<hr/> <hr/> <hr/>
Thursday		<hr/> <hr/> <hr/>
Friday		<hr/> <hr/> <hr/>
Saturday		<hr/> <hr/> <hr/>
Sunday		<hr/> <hr/> <hr/>



Weather Observations

Date	Time	Temperature	Rainfall	Wind Direction	Comments

[illegible]

