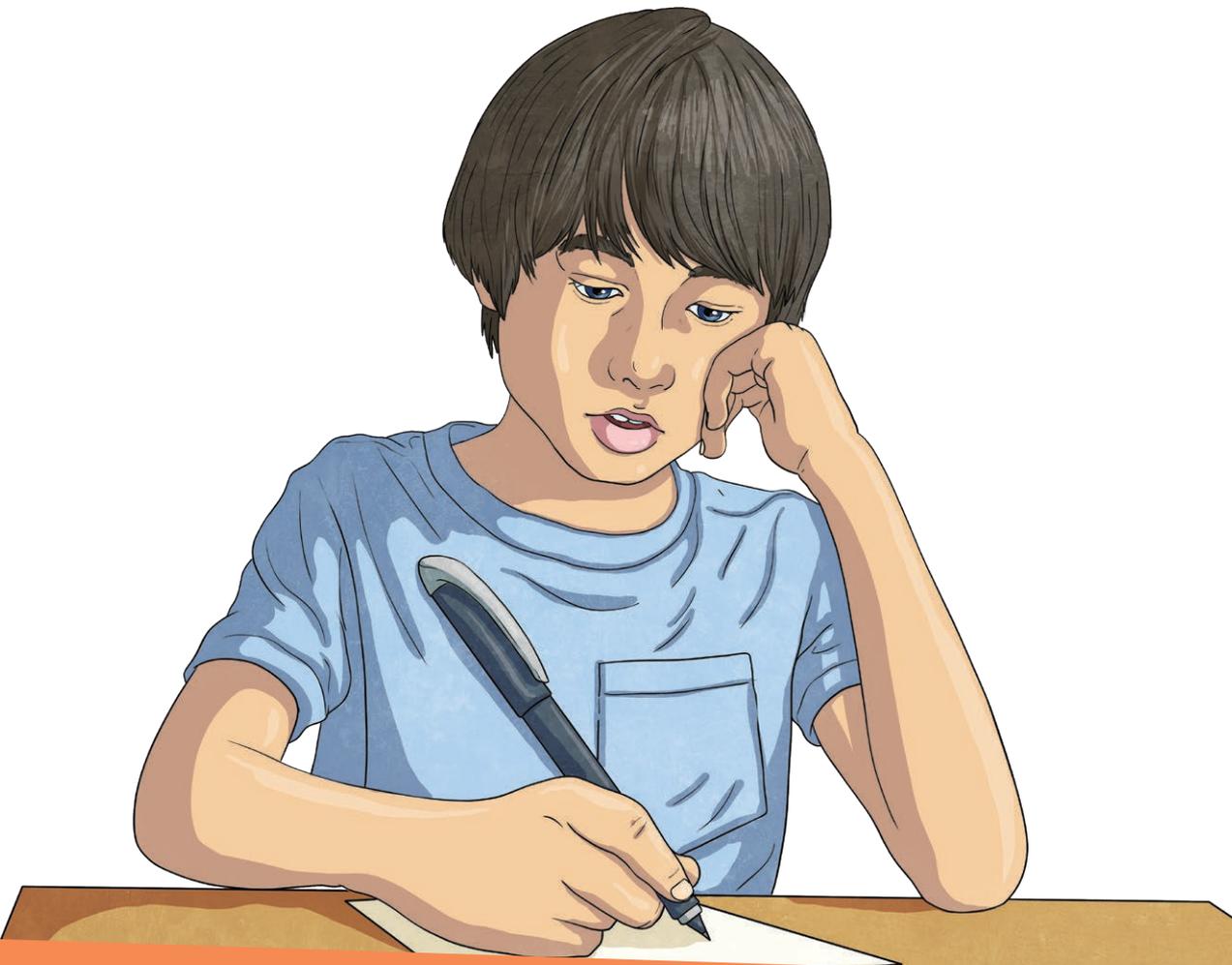




Name: \_\_\_\_\_

# Multiplication and Division

Workbook





## Programme of Study – Multiplication and Division

| Australian Curriculum  | Worksheet                        | Page number  | Notes |
|--|----------------------------------|--------------|-------|
| Recall multiplication facts of two, three, five and ten and related division facts (ACMNA056)  | Word search 2 times tables       | Page 2- 5    |       |
|  | Word search 3 times tables       |              |       |
|  | Word search 5 times tables       |              |       |
|  | Word search 10 times tables      |              |       |
|  | Colour by 2s Multiplication      | Page 6 -8    |       |
|  | Colour by 5s Multiplication      |              |       |
|  | Colour by 10s Multiplication     |              |       |
|  | Multiplication Triangles         | Page 9       |       |
| Represent and solve problems involving multiplication using efficient mental and written strategies and appropriate digital technologies | Division using a Numberline      | Page 10      |       |
|  | I'm Thinking of a Number         | Page 12      |       |
|  | Multiplication<br>Missing Number | Page 12 - 13 |       |
|  | Division Missing Number          | Page 14 – 15 |       |
|  | Worded Questions                 | Page 16 - 17 |       |

# Word Search

## 2 Times Tables

Answer the calculations below and find the answers in the word search:

$2 \times 3 =$

$2 \times 4 =$

$2 \times 9 =$

$2 \times 6 =$

$2 \times 5 =$

$2 \times 8 =$

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| s | i | x | t | e | e | n | n | e | s |
| t | n | h | e | t | t | e | r | i | o |
| w | i | u | n | d | b | i | x | n | e |
| e | i | g | h | t | e | e | n | o | s |
| l | e | e | l | e | n | e | h | u | i |
| t | k | e | e | t | v | i | e | r | x |
| h | a | e | y | h | a | l | t | n | e |
| g | q | o | g | e | o | o | e | i | e |
| i | n | i | e | e | t | h | g | w | e |
| e | e | d | j | p | z | o | b | n | t |

# Word Search

## 3 Times Tables

Answer the calculations below and find the answers in the word search:

$3 \times 3 =$

$3 \times 4 =$

$3 \times 10 =$

$3 \times 6 =$

$3 \times 2 =$

$3 \times 7 =$

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| t | w | e | n | t | y | o | n | e | l |
| w | n | h | x | t | t | e | s | i | x |
| k | i | n | e | d | b | i | w | g | e |
| l | n | i | w | e | s | e | e | h | s |
| v | e | n | l | e | n | e | h | t | i |
| l | k | e | e | t | v | i | e | e | x |
| k | a | h | y | h | a | l | t | e | e |
| m | q | o | g | e | o | o | e | n | e |
| o | n | i | e | e | t | h | g | w | e |
| t | h | i | r | t | y | o | b | n | t |

# Word Search

## 5 Times Tables

Answer the calculations below and find the answers in the word search:

$5 \times 3 =$

$5 \times 9 =$

$5 \times 5 =$

$5 \times 4 =$

$5 \times 2 =$

$5 \times 8 =$

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| f | i | f | t | e | e | n | t | w | t |
| t | o | h | f | o | r | t | y | w | w |
| w | t | r | s | i | x | e | e | t | e |
| e | w | r | t | e | s | e | s | h | n |
| l | s | e | l | y | n | l | h | i | t |
| v | k | i | e | t | f | o | r | t | y |
| e | a | e | y | e | a | i | t | t | t |
| n | o | r | t | e | o | o | v | y | e |
| e | n | n | e | e | t | h | g | e | e |
| t | w | e | n | t | y | f | i | v | e |

# Word Search

## 10 Times Tables

Answer the calculations below and find the answers in the word search:

$10 \times 5 =$

$10 \times 9 =$

$10 \times 2 =$

$10 \times 3 =$

$10 \times 6 =$

$10 \times 7 =$

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| n | i | n | e | t | y | o | u | r | y |
| o | t | h | i | y | t | r | i | h | t |
| h | i | h | e | d | b | i | w | n | f |
| t | n | r | i | e | s | y | e | e | i |
| y | e | e | l | r | t | e | e | u | f |
| y | k | e | e | n | t | t | e | r | x |
| t | a | e | e | h | h | y | t | n | e |
| x | q | v | g | g | o | o | k | i | e |
| i | e | i | t | w | e | n | t | y | e |
| s | w | e | n | t | y | f | y | u | r |

# Colour by 2s Multiplication

Do the multiplication calculation and colour the shape in the correct colour.

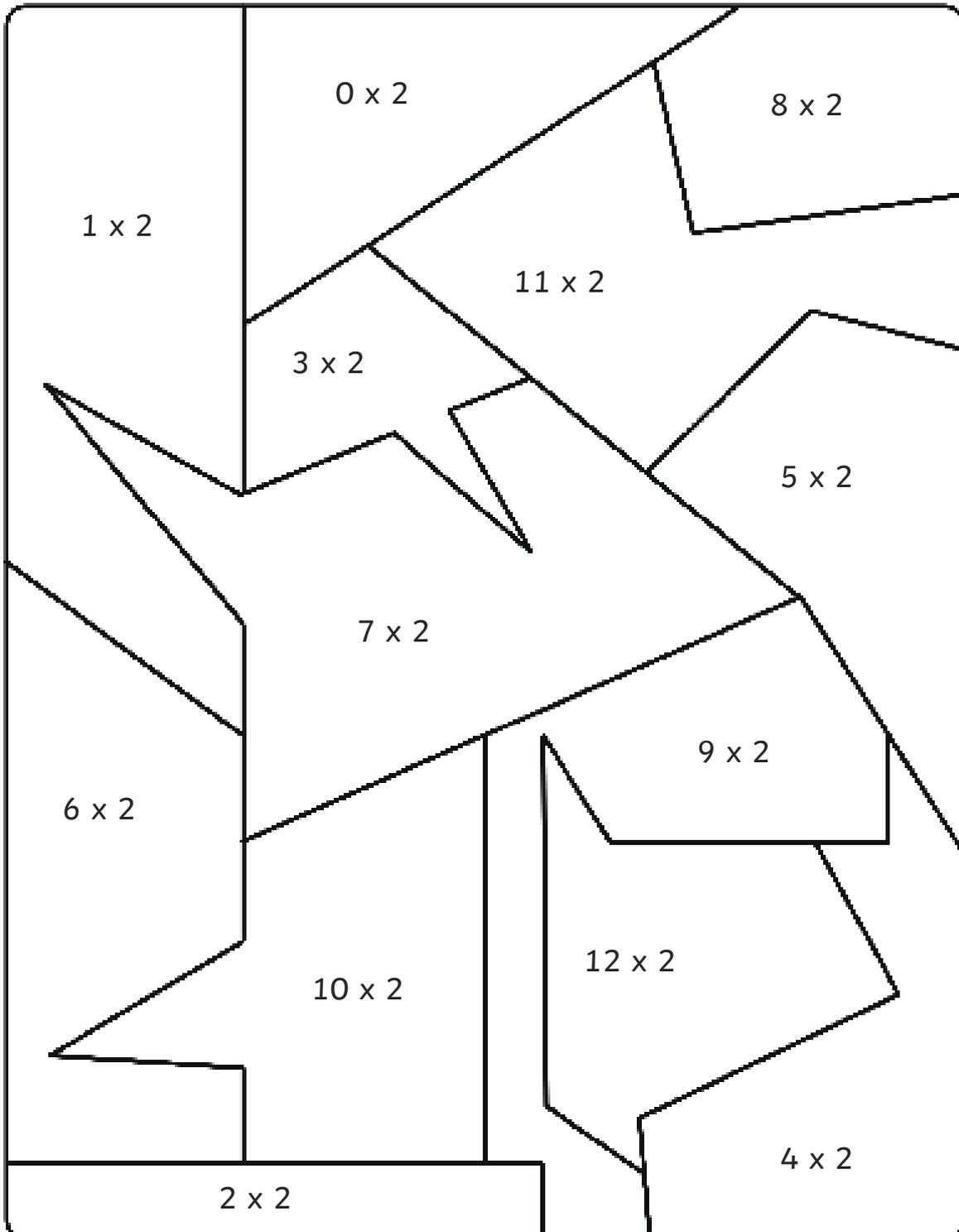
0-5

6-11

12-17

18-23

23-28



# Colour by 5s Multiplication

Do the multiplication calculation and colour the shape in the correct colour.

0-10

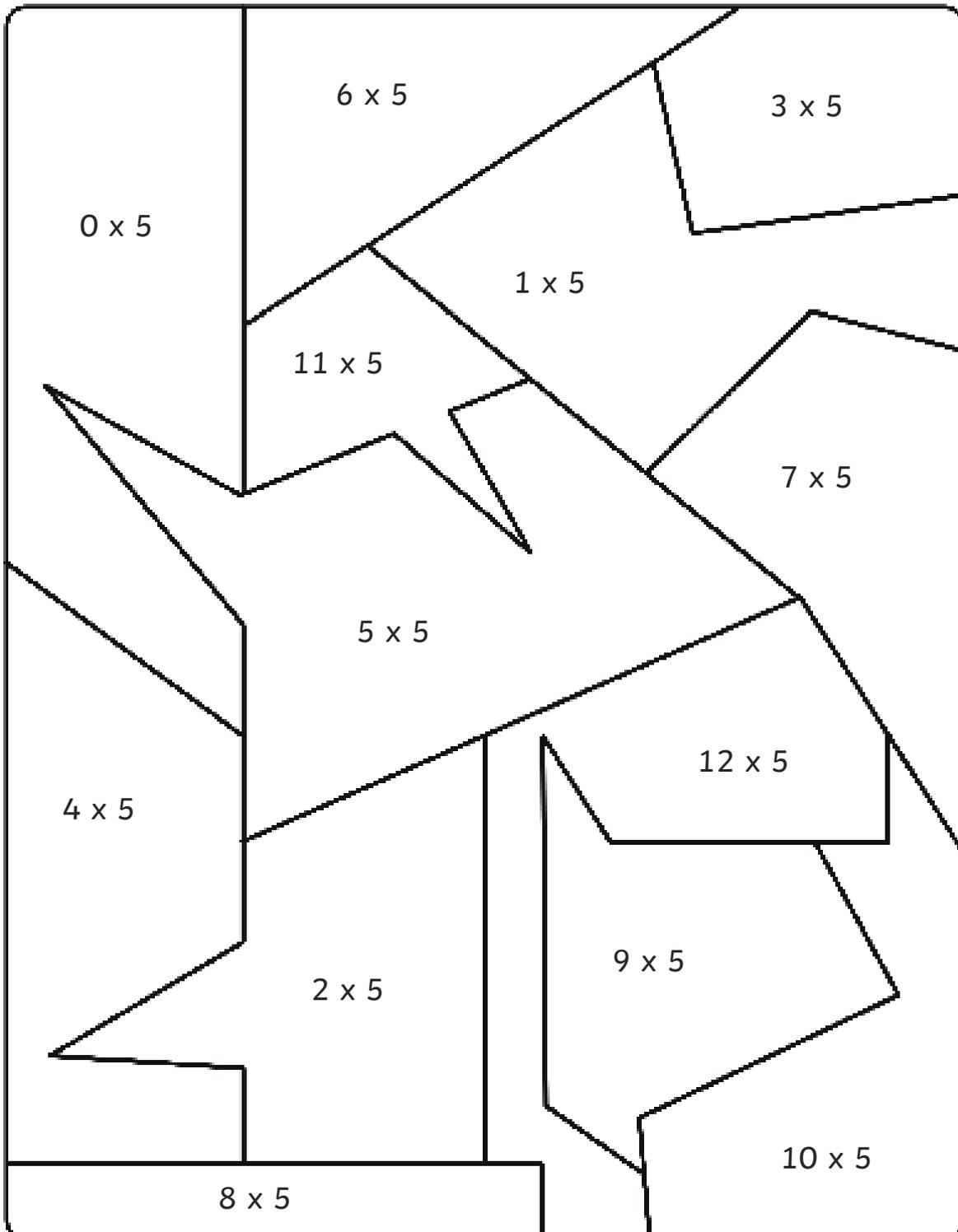
11-20

21-30

31-40

41-50

51-60



# Colour by 10s Multiplication

Do the multiplication calculation and colour the shape in the correct colour.

0-20

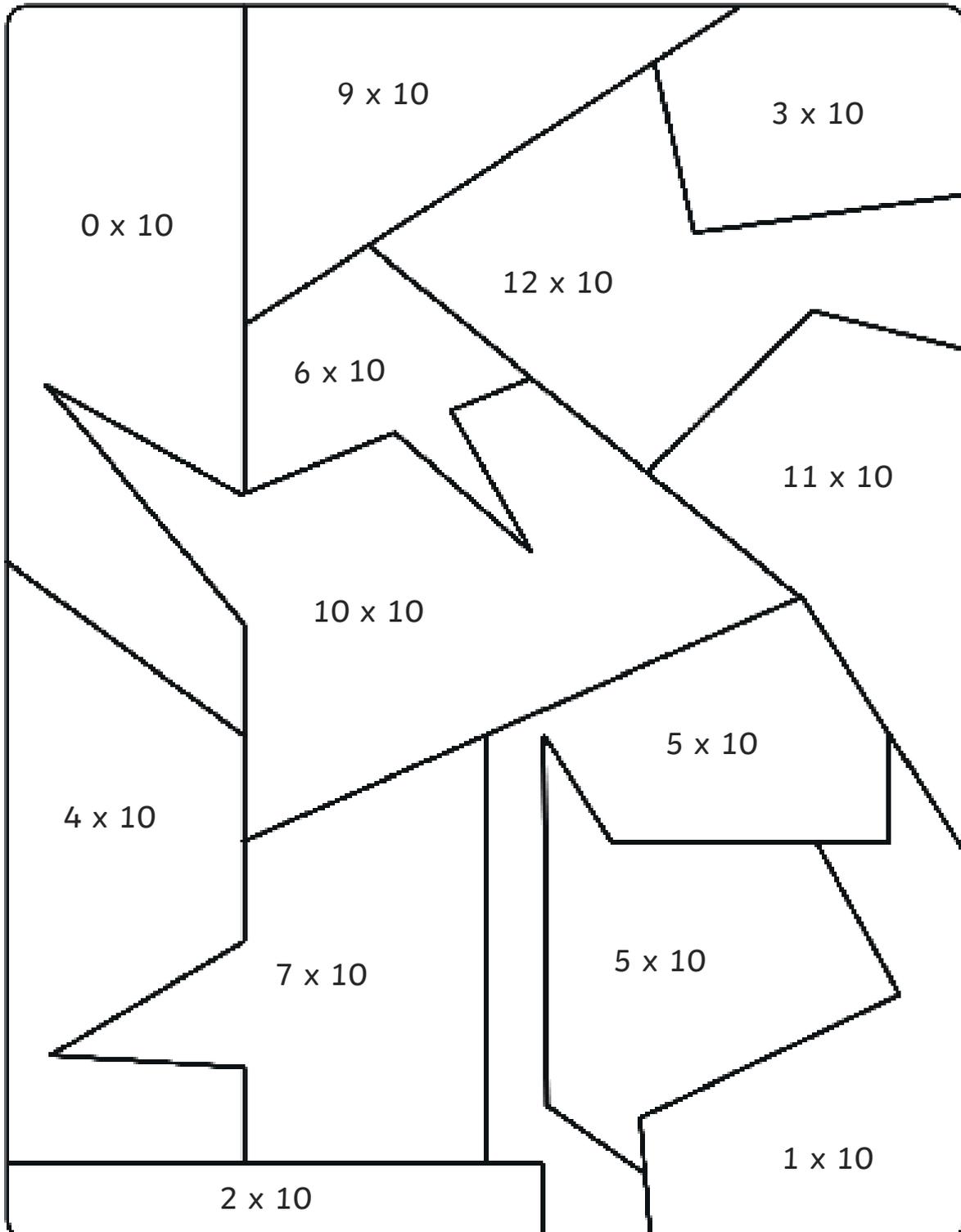
21-40

41-60

61-80

81-100

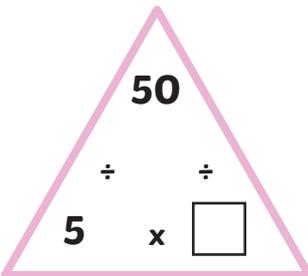
101-120



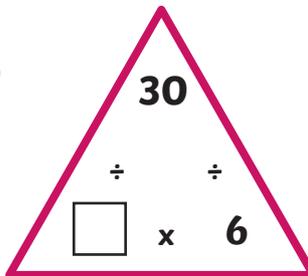
# Multiplication Triangles Sheet

Fill in the blanks in these multiplication triangles.

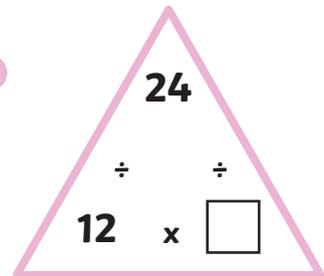
1


$$\begin{array}{c} 50 \\ \div \quad \div \\ 5 \quad \times \quad \square \end{array}$$

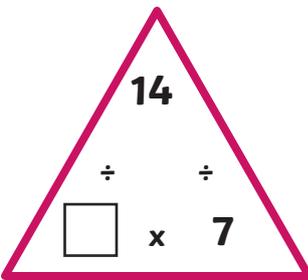
2


$$\begin{array}{c} 30 \\ \div \quad \div \\ \square \quad \times \quad 6 \end{array}$$

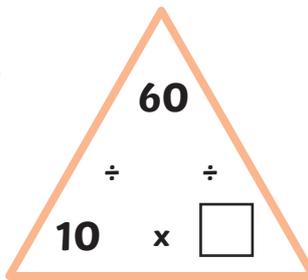
3


$$\begin{array}{c} 24 \\ \div \quad \div \\ 12 \quad \times \quad \square \end{array}$$

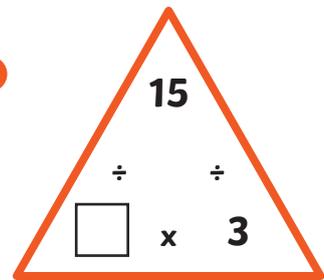
4


$$\begin{array}{c} 14 \\ \div \quad \div \\ \square \quad \times \quad 7 \end{array}$$

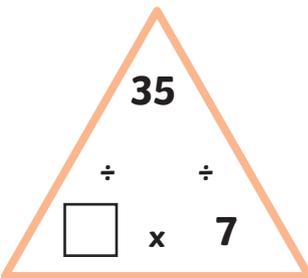
5


$$\begin{array}{c} 60 \\ \div \quad \div \\ 10 \quad \times \quad \square \end{array}$$

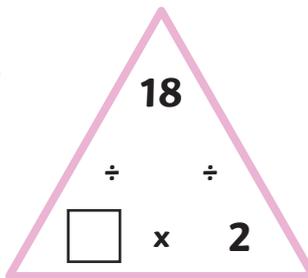
6


$$\begin{array}{c} 15 \\ \div \quad \div \\ \square \quad \times \quad 3 \end{array}$$

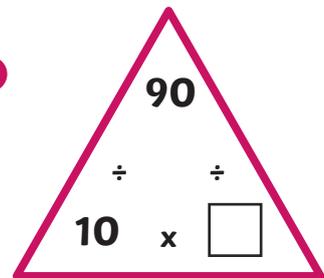
7


$$\begin{array}{c} 35 \\ \div \quad \div \\ \square \quad \times \quad 7 \end{array}$$

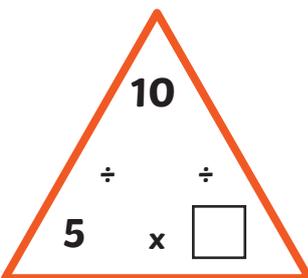
8


$$\begin{array}{c} 18 \\ \div \quad \div \\ \square \quad \times \quad 2 \end{array}$$

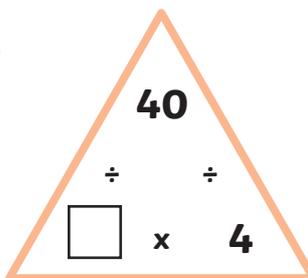
9


$$\begin{array}{c} 90 \\ \div \quad \div \\ 10 \quad \times \quad \square \end{array}$$

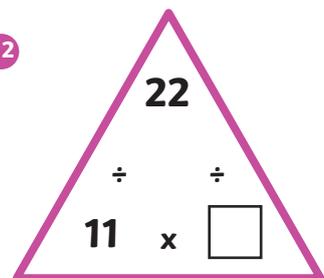
10


$$\begin{array}{c} 10 \\ \div \quad \div \\ 5 \quad \times \quad \square \end{array}$$

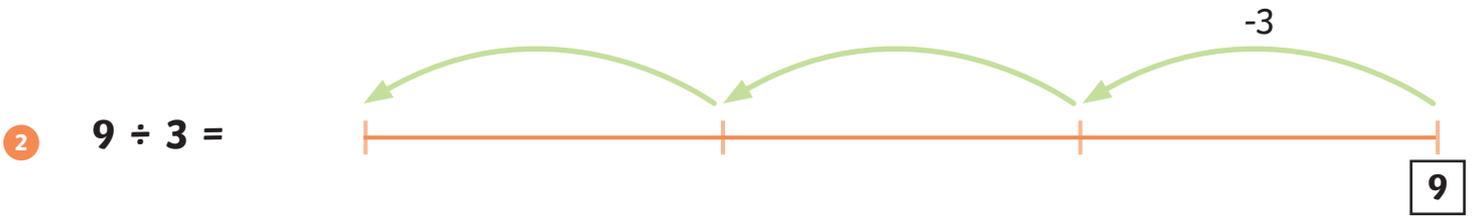
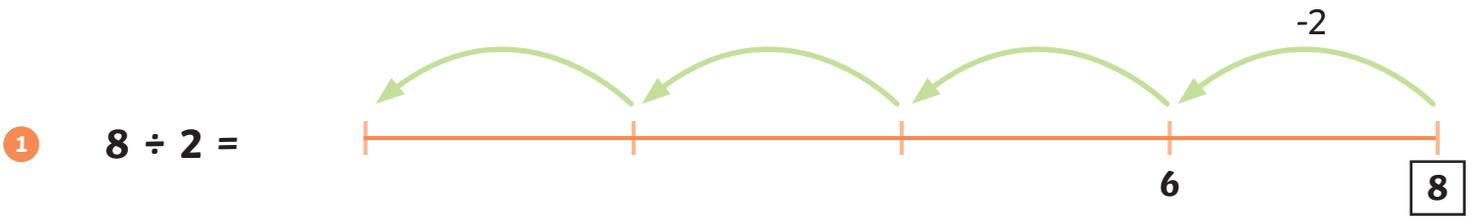
11


$$\begin{array}{c} 40 \\ \div \quad \div \\ \square \quad \times \quad 4 \end{array}$$

12


$$\begin{array}{c} 22 \\ \div \quad \div \\ 11 \quad \times \quad \square \end{array}$$

# Division using a Numberline

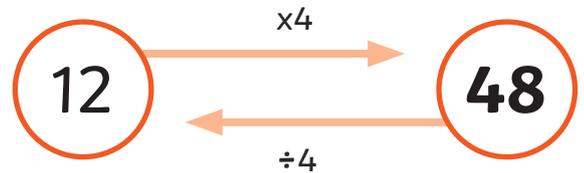


# I'm Thinking of a Number

Use the inverse operation to work backwards and find the original number.

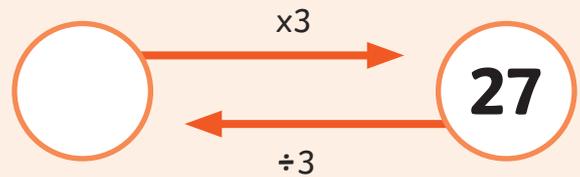
Example:

Samiya is thinking of a number. She multiplies it by 4 and her new number is 48. What number was she first thinking of?

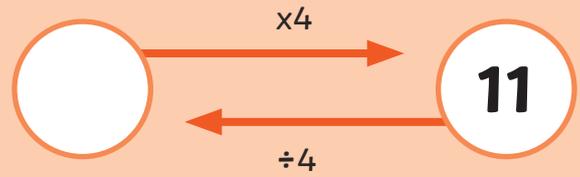


Questions:

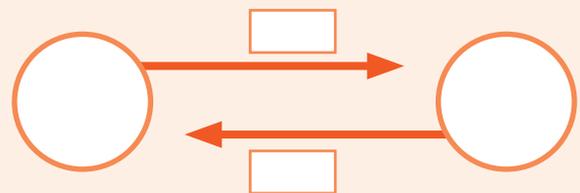
1 Nat is thinking of a number. He multiplies it by 3 and his new number is 27. What number was he first thinking of?



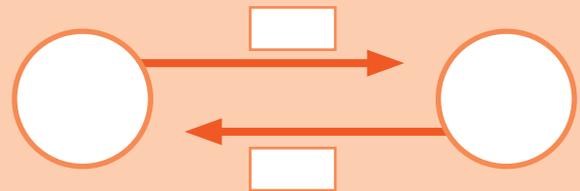
2 Shahid is thinking of a number. He divides it by 4 and his new number is 11. What number was he first thinking of?



3 Esme is thinking of a number. She divides it by 8 and her new number is 5. What number was she first thinking of?



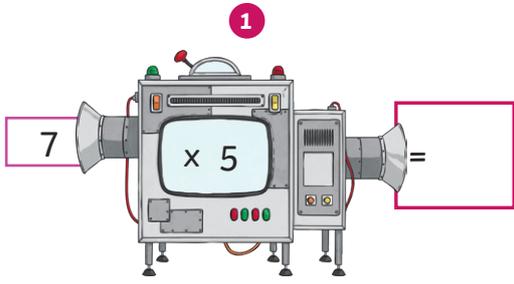
4 Taylor is thinking of a number. He multiplies it by 3 and his new number is 24. What number was he first thinking of?

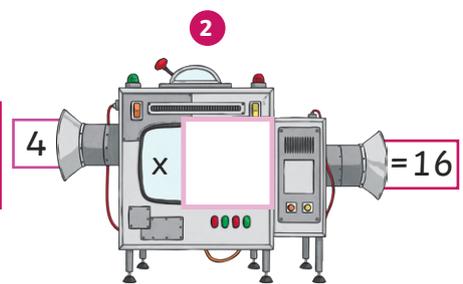


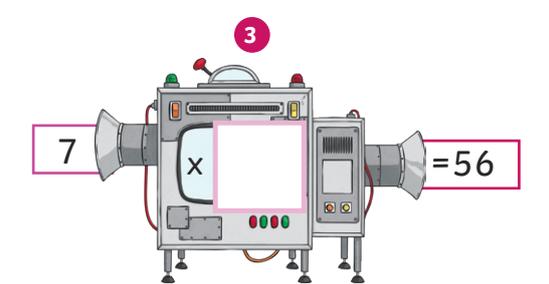
5 Levi is thinking of a number. He multiplies it by 8 and his answer is 32. What number was he first thinking of?

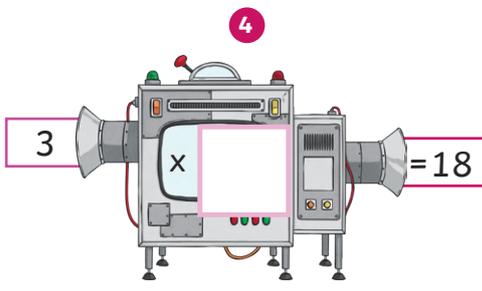
6 Vivi is thinking of a number. She multiplies it by 3 and her new number is 12. What number was she first thinking of?

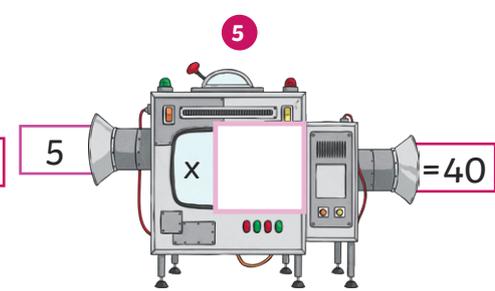
# Multiplication Missing Numbers

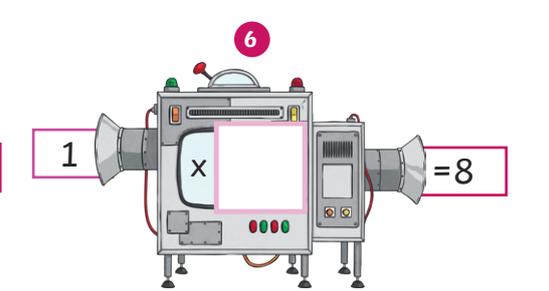
1  =

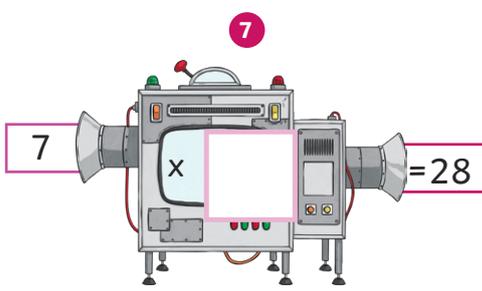
2  =16

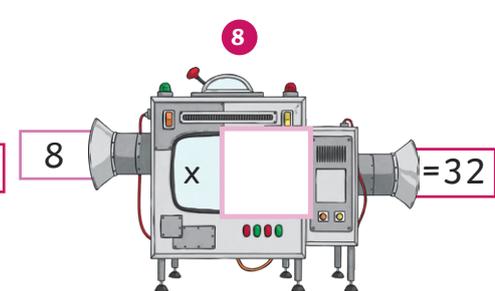
3  =56

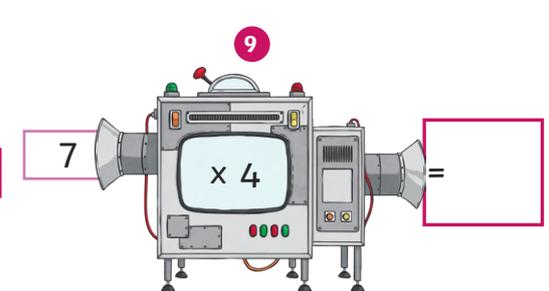
4  =18

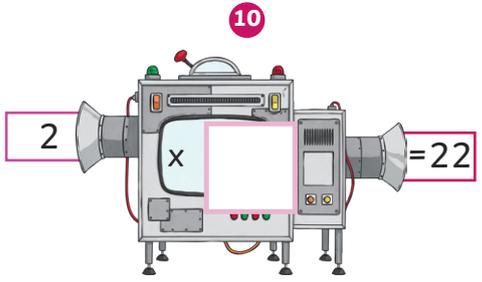
5  =40

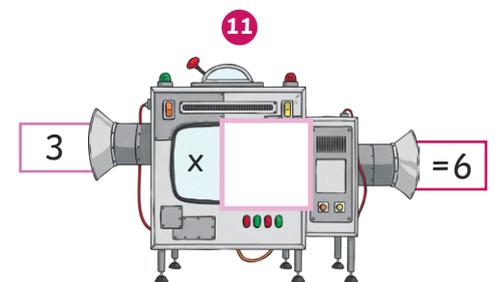
6  =8

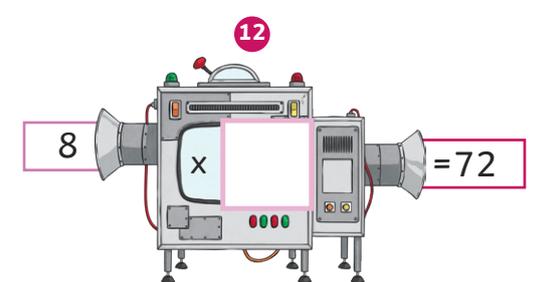
7  =28

8  =32

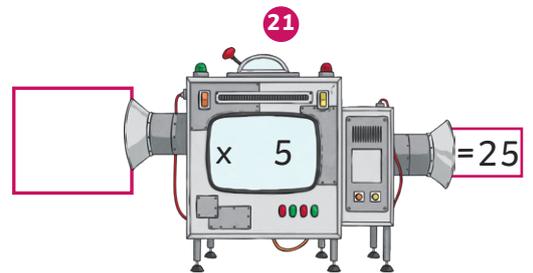
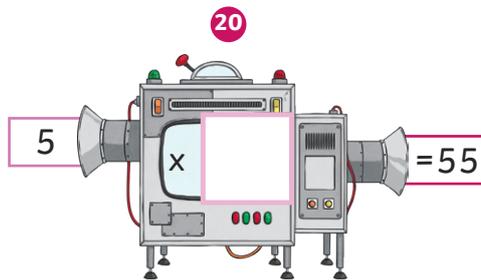
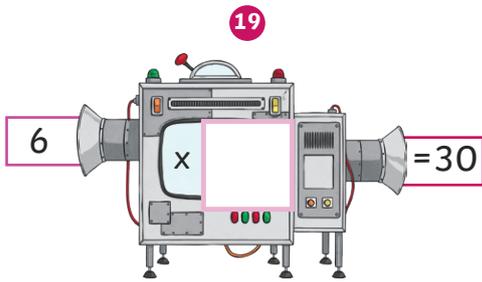
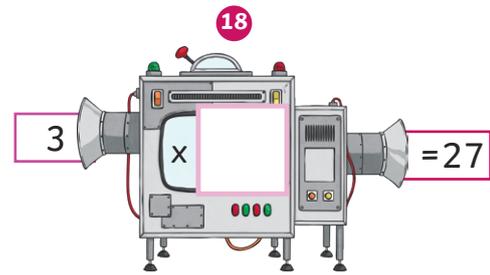
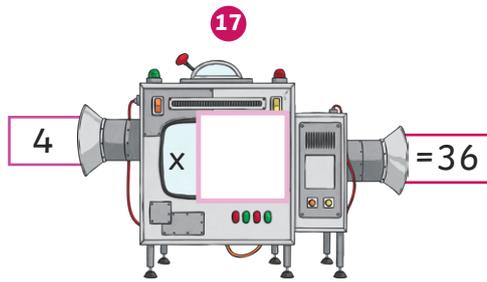
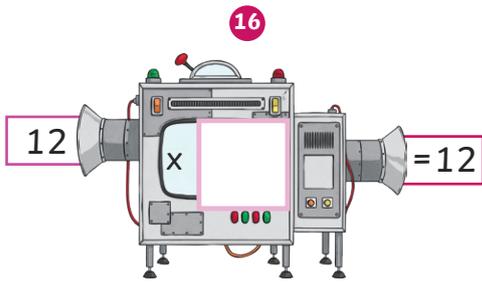
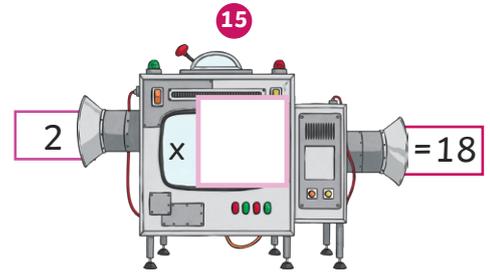
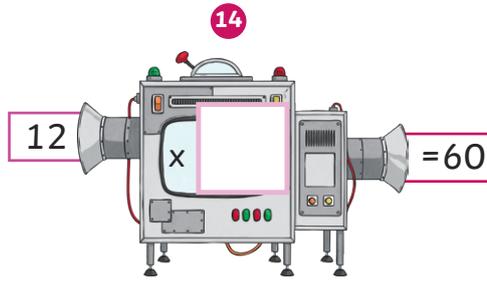
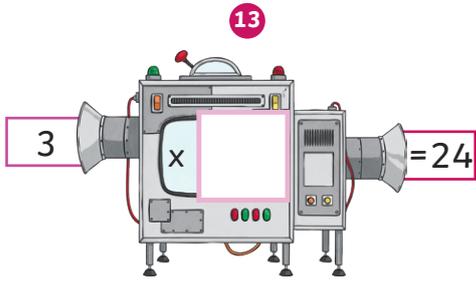
9  =

10  =22

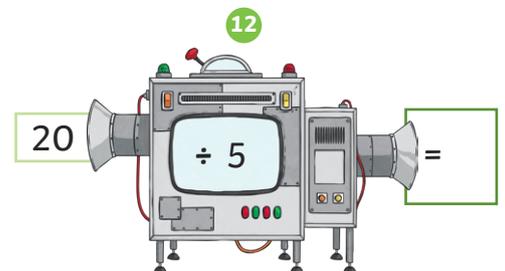
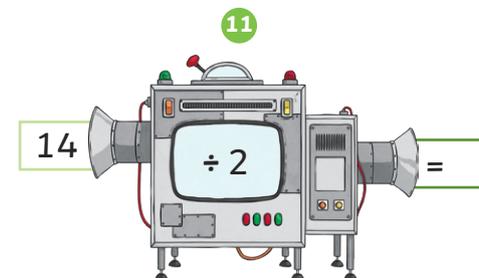
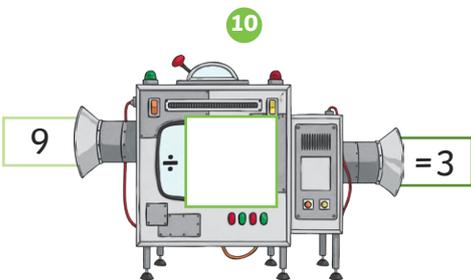
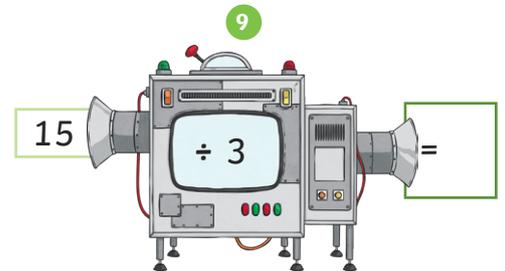
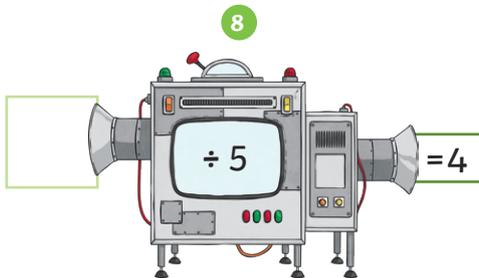
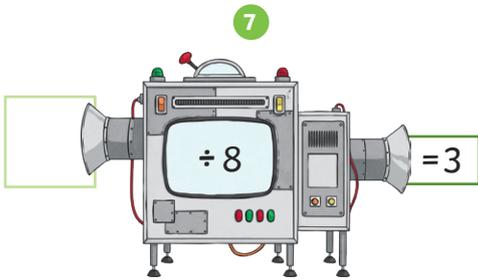
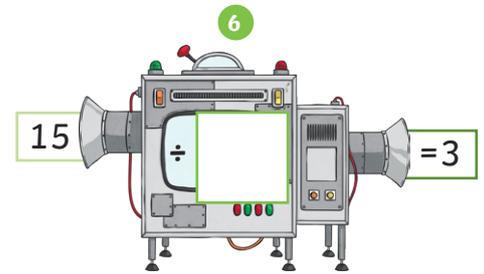
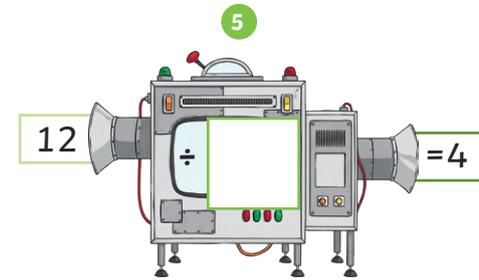
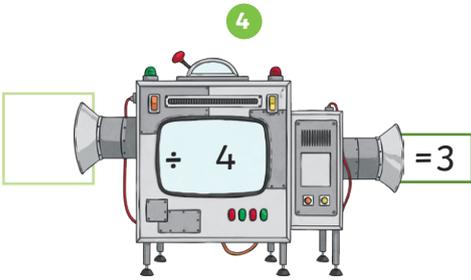
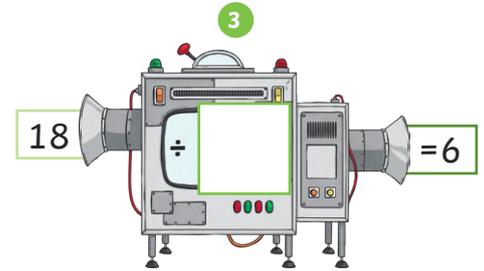
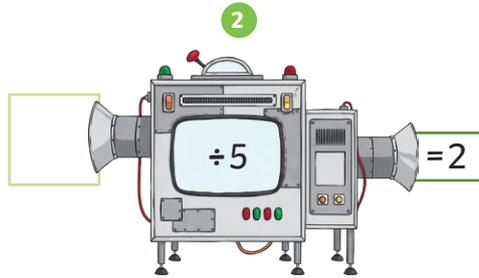
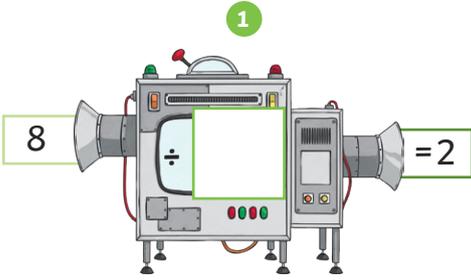
11  =6

12  =72

# Multiplication Missing Numbers



# Division Missing Numbers



# Division Missing Numbers

