Classroom Monitor - Multiplication & Division

2.2.a.3 Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.

2.2.a.4 Use a variety of language to describe multiplication and division.

2.2.b.3 Calculate mentally using multiplication and division facts for the 2, 5 and 10 multiplication tables.

2.2.c.3 Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

2.2.d.2 Recall multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers

2.2.e.2 Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs

Daily Fluency 5.1.21

Flashback 4

Year 2 | Week 1 | Day 1

1) What is 2 × 8?

2) There are 5 flowers in each vase.
How many flowers altogether?

3) Complete the sequence. 2, 4, 6, ___ , ___

4) Find the sum of 3, 4 and 7

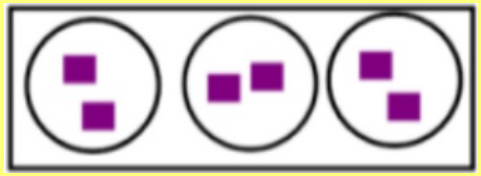
White Rose Maths

5.1.21

WALT: to recognise equal groups.

Sort the images between equal groups and unequal groups.

Equal Groups	Unequal Groups

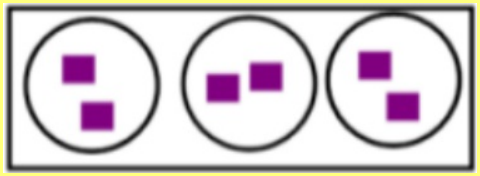


5.1.21

WALT: to recognise equal groups.

___ lots of ___

___ X ____ = ____



___ lots of ___

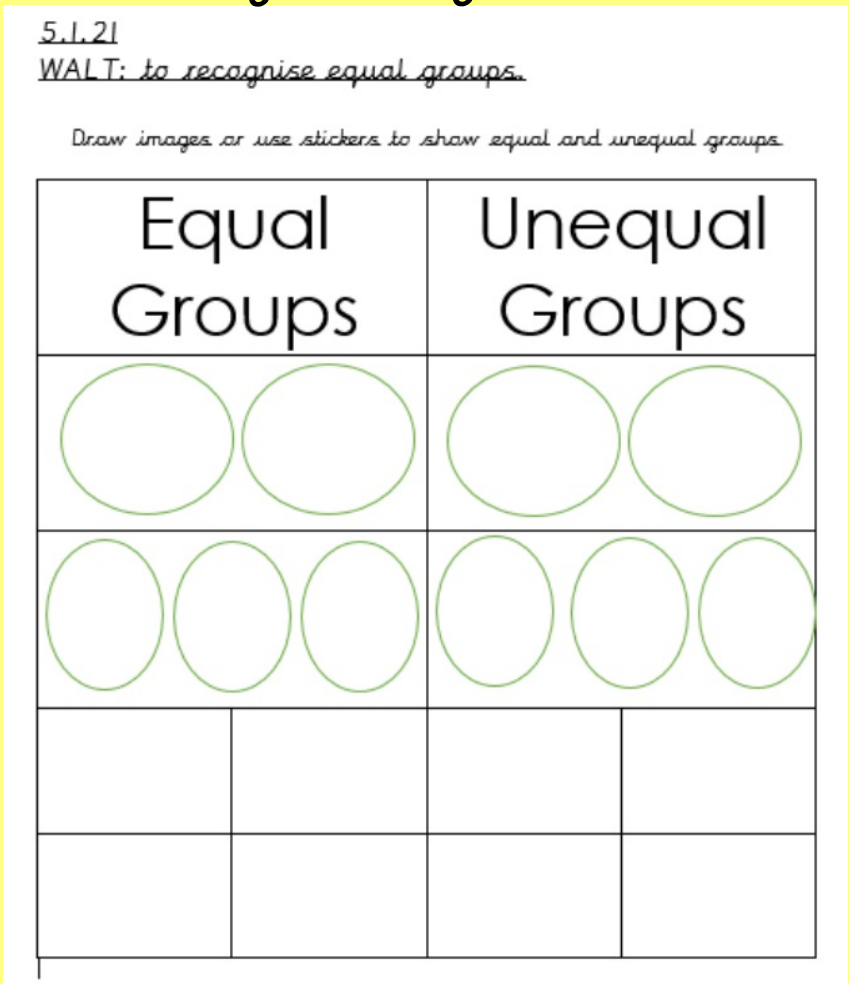
___ X ____ = ____

5.1.21

WALT: to recognise equal groups.

Mini Task

Feeling Confident/CM



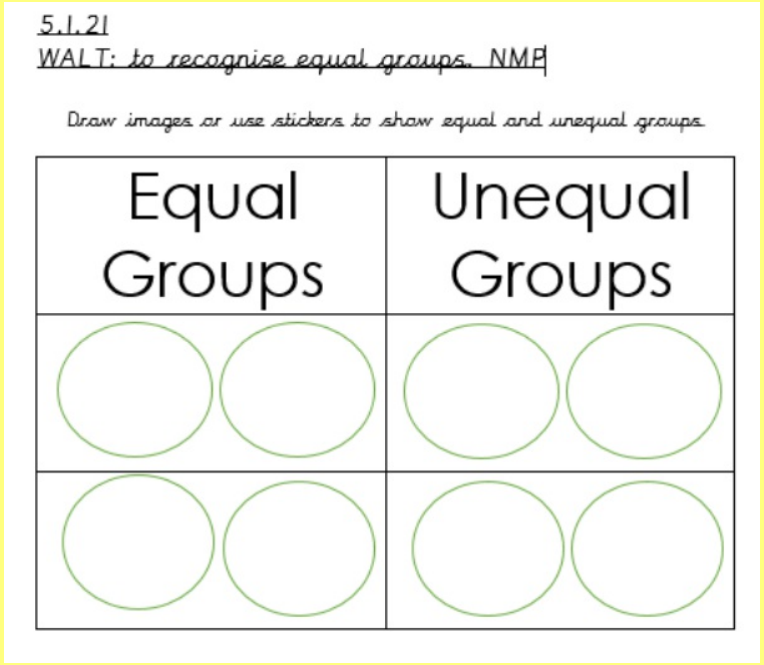
5.1.21

WALT: to recognise equal groups.

Draw images or use stickers to show equal and unequal groups.

Equal Groups	Unequal Groups

Need More Practise



5.1.21

WALT: to recognise equal groups. NMP

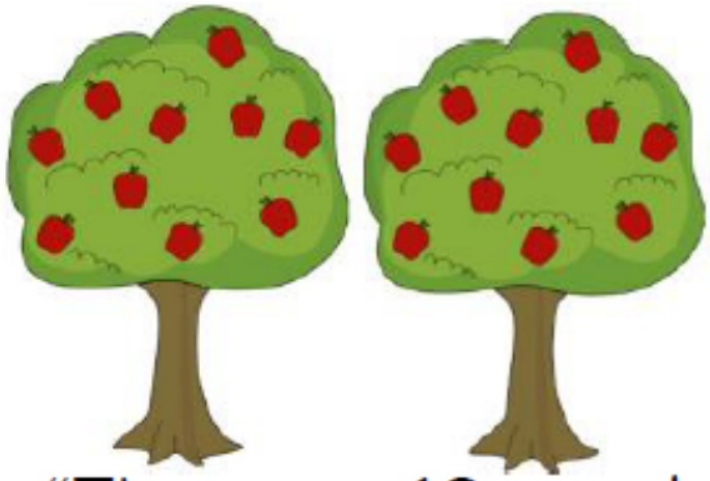
Draw images or use stickers to show equal and unequal groups.

Equal Groups	Unequal Groups

5.1.21

WALT: to recognise equal groups.

Spot the mistake.



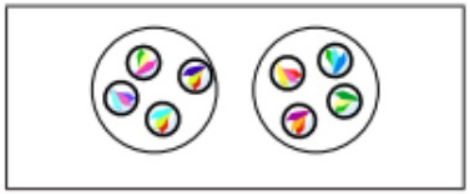
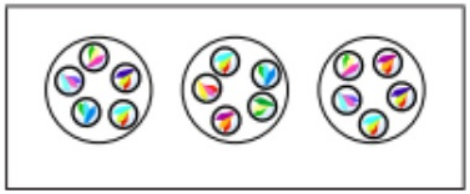
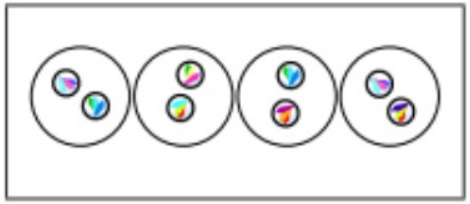
Alex says, “There are 10 equal groups with 2 in each group. There are ten 2s.”

5.1.21

WALT: to recognise equal groups.

Cut and stick the words to match the pictures.

Then write the number sentence to match

There are 3 equal groups with 5 in each group.		___X___=___
There are 4 equal groups with 2 in each group.		___X___=___
There are 2 equal groups with 4 in each group.		___X___=___

Daily Fluency 6.1.21

Flashback 4

Year 2 | Week 1 | Day 2

1) Divide 15 by 5

2) There are 10 crayons in each pack.
How many crayons altogether?

3) Complete the sequence. 16, 14, 12, ___ , ___

4) Find the sum of 9, 5 and 1

White Rose Maths

6.1.21

WALT: to use arrays.

On the image, find 5 X 2 and 2 X 5

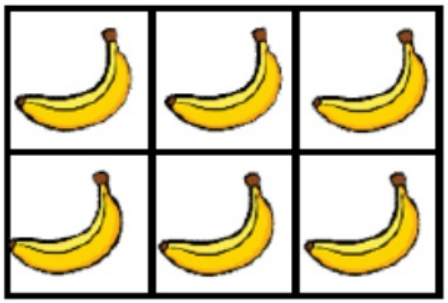
Can you represent this array using another object?

6.1.21

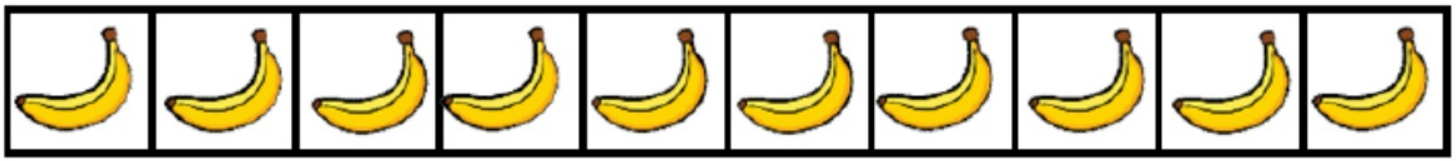
WALT: to use arrays.

Complete the number sentences to describe the arrays.

Complete the number sentences to describe the arrays.



2 × 3 and ___ × ___



___ × ___ and ___ × ___

6.1.21

WALT: to use arrays.

On your white boards:

Draw an array to show....

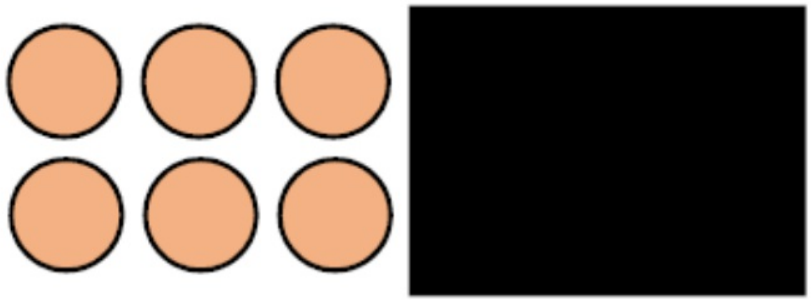
5 X 3 = 3 X 5

Now try, 2 lots of 10 = 10 lots of 2

6.1.21

WALT: to use arrays.

Part of the array is hidden.



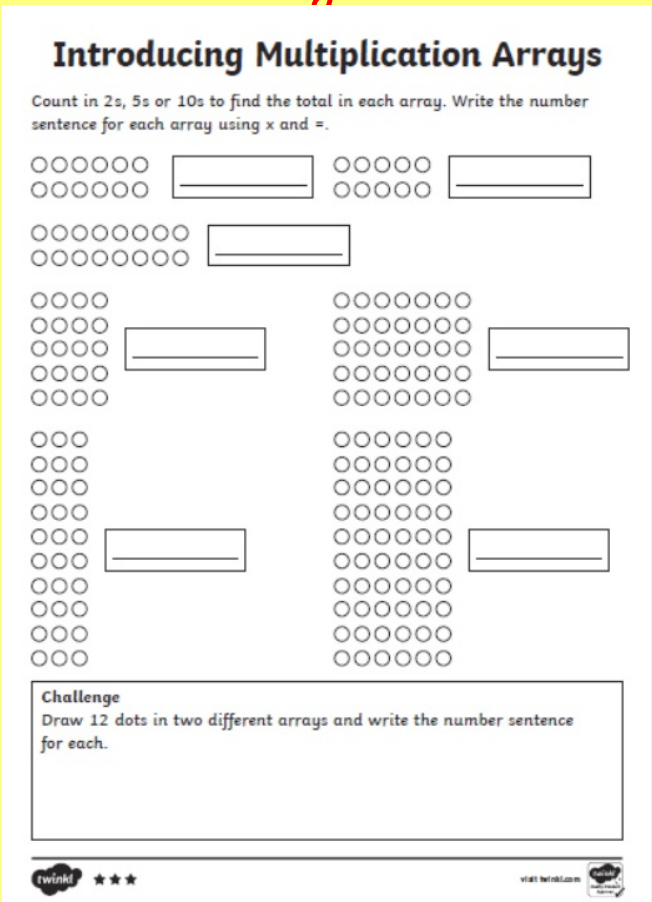
The total is less than 16

What could the array be?

6.1.21

WALT: to use arrays.

Challenge Me



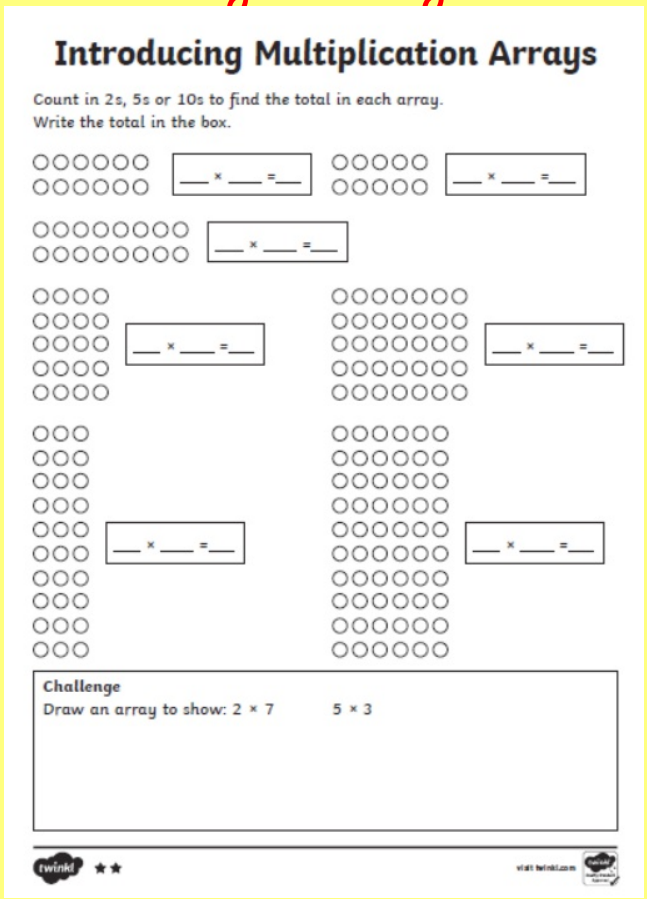
Introducing Multiplication Arrays

Count in 2s, 5s or 10s to find the total in each array. Write the number sentence for each array using x and =.

Challenge

Draw 12 dots in two different arrays and write the number sentence for each.

Feeling Confident



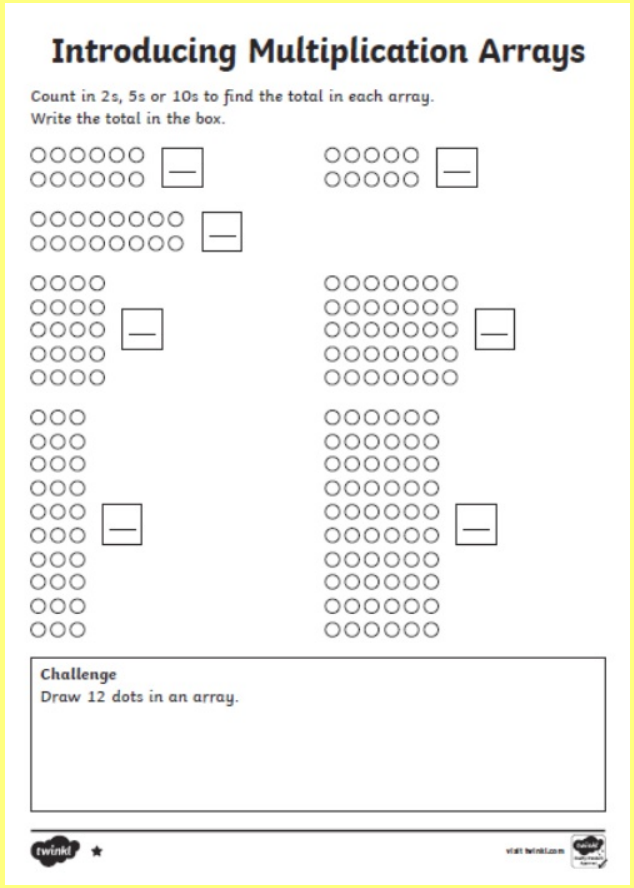
Introducing Multiplication Arrays

Count in 2s, 5s or 10s to find the total in each array.
Write the total in the box.

Challenge

Draw an array to show: 2 × 7 5 × 3

Need More Practise



Introducing Multiplication Arrays

Count in 2s, 5s or 10s to find the total in each array.
Write the total in the box.

Challenge

Draw 12 dots in an array.

Daily Fluency 7.1.21

Flashback 4

Year 2 | Week 1 | Day 3

1) What is 8 ÷ 2?

2) Sam has 10 pairs of socks.
How many socks altogether?

3) Use <, > or = to compare.

5×4 ◯ 5×5

4) Calculate 42 + 10

White Rose Maths

7.1.21

WALT: to know the 2 X tables.

Count in 2s to calculate how many eyes there are.

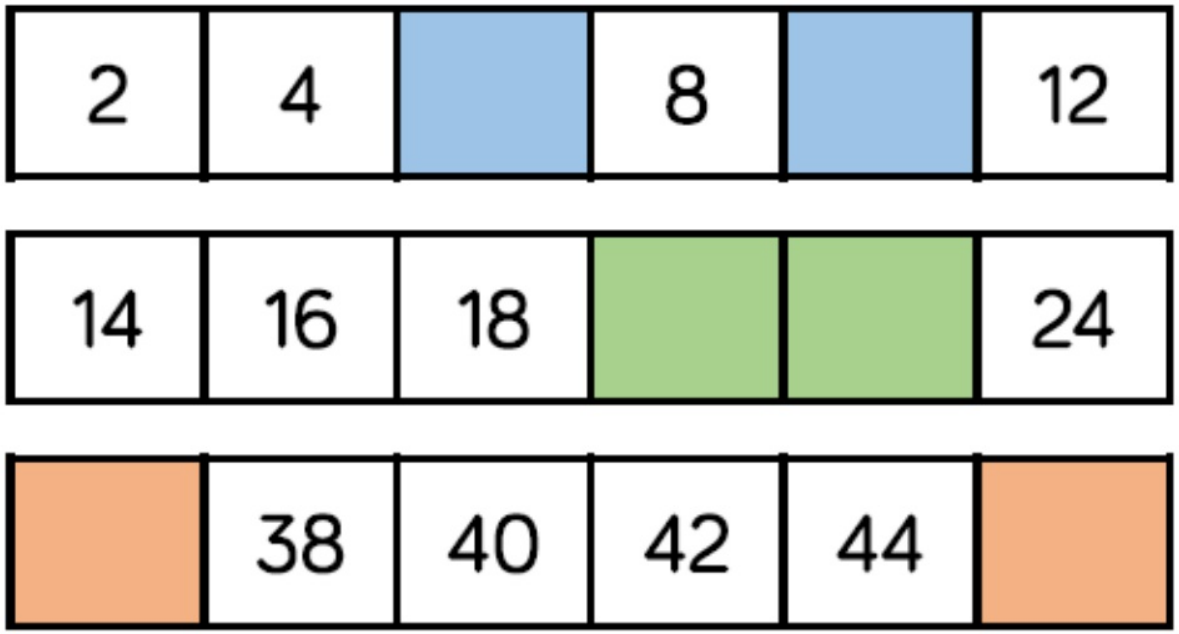
There are ____ eyes in total.

____ × ____ = ____

7.1.21

WALT: to know the 2 X tables.

Complete the number track.



7.1.21

WALT: to know the 2 X tables.

How many wheels are there on five bicycles?

If there are 14 wheels, how many bikes are there?

7.1.21

WALT: to know the 2 X tables.

Can we fill in the missing numbers?

Fill in the blanks.

$3 \times ___ = 6$

$___ \times 2 = 20$

$7 \times 2 = ___$

7.1.21

WALT: to know the 2 X tables.

10 X 2 = 22

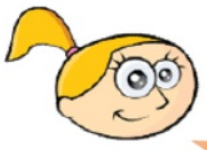
Is this correct?

How do you know?

7.1.21

WALT: to know the 2 X tables.

Eva says,



Every number in the 2 times table is even.

Is she correct? Explain your answer.

7.1.21

WALT: to know the 2 X tables.

Challenge Me

Introducing Multiplication in 2s

Count in 2s.

___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

There are 5 pairs of shoes. Write the number sentence using × and =.

_____

Solve the following problems by multiplying in 2s. Write the number sentence using x and =.

There are 4 pairs of hands. How many hands are there altogether?

There are 7 pairs of wings. How many wings are there altogether?

There are 6 pairs of socks. How many socks are there altogether?

twinkl ★★★ Page 1 of 2 visit twinkl.com

Multiplication in 2s

ltogether?

Challenge

There are 18 shoes altogether. How many pairs are there? Write the number sentence using x and =.

_____

twinkl ★★★ Page 2 of 2 visit twinkl.com

Feeling Confident

Introducing Multiplication in 2s

Count in 2s.

___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

There are 5 pairs of shoes. How many shoes are there altogether?

____ pairs of shoes is ____ shoes altogether.

There are 4 pairs of hands. How many hands are there altogether?

____ pairs of hands is ____ hands altogether.

There are 7 pairs of wings. How many wings are there altogether?

____ pairs of wings is ____ wings altogether.

There are 6 pairs of socks. How many socks are there altogether?

____ pairs of socks is ____ socks altogether.

twinkl ★★ Page 1 of 2 visit twinkl.com

Introducing Multiplication in 2s

ıars are there altogether?

ogether.

Challenge

There are 8 pairs of shoes. How many shoes are there altogether? Write the number sentence.

____ × ____ = _____

twinkl ★★ Page 2 of 2 visit twinkl.com

Need More Practise

Introducing Multiplication in 2s

Count in 2s.

___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

There are 5 pairs of shoes. How many shoes are there altogether?

____ shoes

There are 4 pairs of hands. How many hands are there altogether?

____ hands

There are 7 pairs of wings. How many wings are there altogether?

____ wings

There are 6 pairs of socks. How many socks are there altogether?

____ socks

There are 9 pairs of ears. How many ears are there altogether?

____ ears

Challenge

Draw 18 shoes in pairs. How many pairs are there?

twinkl ★ visit twinkl.com

8.1.21

Mental Maths

8.1.21

Number Bonds
&
Times Tables

Use the Flurrish tablets daily to practise for the number bonds and tables tests.

Daily Fluency 8.1.21

Flashback 4

Year 2 | Week 1 | Day 4

1) Divide 12 by 2

2) One triangle has 3 sides.
How many sides do 5 triangles have?

3) Use $<$, $>$ or $=$ to compare.

$3 \times 2 \quad \bigcirc \quad 2 \times 3$

4) Calculate $75 - 10$

White Rose Maths

8.1.21

WALT: to know the 2 X tables.

8.1.21

WALT: to know the 2 X tables.

Feeling Confident/CM

3 Complete the array and times-table fact so that they match.

a)

$2 \times 2 =$ ☐

b)

$2 \times 5 =$ ☐

c)

$2 \times$ ☐ $= 8$

4 Complete the number sentences.

a) $3 \times 2 =$ ☐

b) ☐ $= 9 \times 2$

c) $2 \times 5 =$ ☐

d) $2 \times$ ☐ $= 4$

e) $12 =$ ☐ $\times 2$

f) ☐ $= 12 \times 2$

g) $2 \times$ ☐ $= 2$

h) $2 \times 0 =$ ☐

i) $14 = 2 \times$ ☐

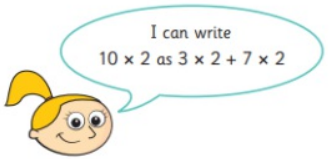
j) ☐ $\times 2 = 22$

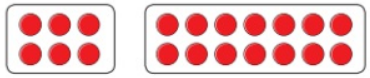
5 Teddy has £8

Rosie has twice as much money as Teddy.

How much money does Rosie have?

6 Eva is writing 10×2 in different ways.





Find three more ways that you can write 10×2

Use counters to help you.

Compare answers with a partner.

Need More Practise

1 Write a fact from the 2 times-table to match the picture.

a)

b)

c)

2 a) Complete the number line.

b) Which times-table does the number line show?

1 times-table 2 times-table 3 times-table

How do you know?

3 Complete the array and times-table fact so that they match.

a)

$2 \times 2 =$ ☐

b)

$2 \times 5 =$ ☐

c)

$2 \times$ ☐ $= 8$

4 Complete the number sentences.

a) $3 \times 2 =$ ☐

b) ☐ $= 9 \times 2$

c) $2 \times 5 =$ ☐

d) $2 \times$ ☐ $= 4$

e) $12 =$ ☐ $\times 2$

f) ☐ $= 12 \times 2$

g) $2 \times$ ☐ $= 2$

h) $2 \times 0 =$ ☐

i) $14 = 2 \times$ ☐

j) ☐ $\times 2 = 22$