



Answer Sheet

Monday

Mild

Building Bricks Multiplication

$2 + 2 + 2 = 6$ which is the same as $3 \times 2 = 6$

$3 + 3 = 6$ which is the same as $2 \times 3 = 6$

$1 + 1 + 1 + 1 = 4$ which is the same as $4 \times 1 = 4$

$2 + 2 + 2 + 2 + 2 = 10$ which is the same as $5 \times 2 = 10$

The 3 represents the groups and the 2 represents how many is in each group.

3×2 and 2×3 both have the same answer, they are commutative. When multiplying it does not matter what order the numbers come in, the answer will be the same.

Complete the sentences.

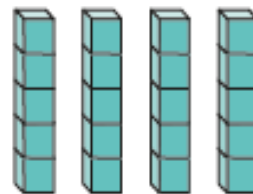
a)



There are equal groups with
in each group.

$$\boxed{6} + \boxed{6} + \boxed{6} = 18$$

$$\boxed{3} \times \boxed{6} = 18$$



There are equal groups with
in each group.

$$\boxed{5} + \boxed{5} + \boxed{5} + \boxed{5} = 20$$

$$\boxed{4} \times \boxed{5} = 20$$

Medium

$2 + 2 + 2 = 6$ which is the same as $3 \times 2 = 6$

$2 + 2 + 2 + 2 = 8$ which is the same as $4 \times 2 = 8$

$5 + 5 + 5 = 15$ which is the same as $3 \times 5 = 15$

$5 + 5 + 5 + 5 = 20$ which is the same as $4 \times 5 = 20$



There are equal groups with in each group.

$$\boxed{4} + \boxed{4} = 8$$

$$\boxed{2} \times \boxed{4} = 8$$

Complete the table.

The first one has been done for you.

Addition	Multiplication
$2 + 2 + 2 + 2$	4×2
$5 + 5 + 5$	3×5
$3 + 3 + 3 + 3 + 3$	5×3
$10 + 10$	2×10

Spicy

$4 + 4 + 4 + 4 = 16$ which is the same as $4 \times 4 = 16$

$2 + 2 + 2 + 2 + 2 + 2 = 12$ which is the same as $6 \times 2 = 12$

$4 + 4 + 4 + 4 + 4 = 20$ which is the same as $5 \times 4 = 20$

5 represents how many groups of blocks there are.

4 represents how many bumps are in each group.

$$2 + 2 + 2 + 2 + 2 = 10$$

$$5 \times 2 = 10$$

$$5 + 5 + 5 + 5 = 20$$

$$4 \times 5 = 20$$



$$3 + 3 + 3 = 3 \times 3$$

He is correct
because
 $3 + 3 + 3 = 9$
and $3 \times 3 = 9$

The total is 16

What could the addition and multiplication be?

various answers e.g. $2 \times 8 = 16$

$$8 + 8 = 16$$

Is Mo correct? Explain why.

Draw an image to help you.

Tuesday

Mild

There are 4 potatoes.

$$2 \times 2 = 4$$

(2 rows x 2 columns)

There are 8 apples.

$$4 \times 2 = 8$$

(4 rows x 2 columns)

How many pears are there?



$$5 + 5 + 5 = 15$$

$$3 \times 5 = 15$$

There are 15 pears.

How many stars are there?

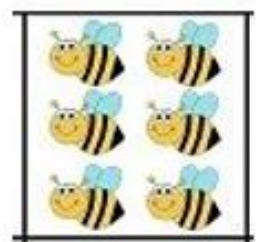
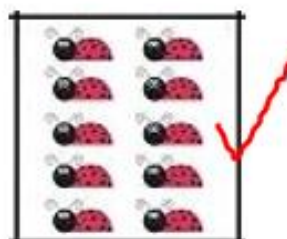


$$6 + 6 = 12$$

$$2 \times 6 = 12$$

There are 12 stars.

Find and tick 5×2



Medium

There are 12 mangoes.

$$2 \times 6 = 12$$

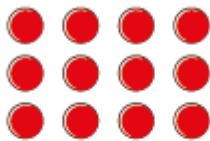
(2 rows x 6 columns)

There are 14 peppers.

$$2 \times 7 = 14$$

(2 rows x 7 columns)

Write two additions and two multiplications for the array.



$$4 + 4 + 4 = 12$$

$$3 \times 4 = 12$$

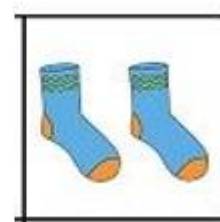
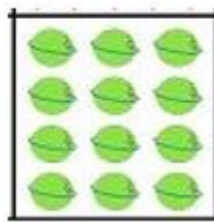
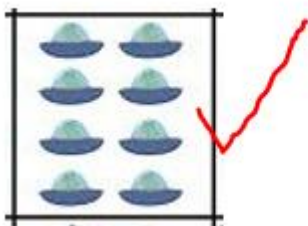
$$3 + 3 + 3 + 3 = 12$$

$$4 \times 3 = 12$$

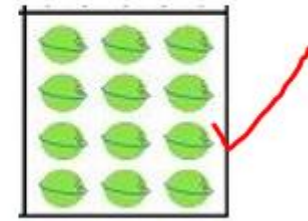
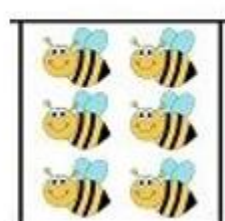
What do you notice?

It does not matter whether you do 3×4 or 4×3 - you will get the same answer because multiplication is commutative.

Find and tick 4×2



Find and tick 4×3



Spicy

There are 20 pears

$$4 \times 5 = 20$$

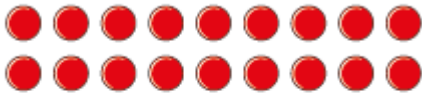
(4 rows x 5 columns)

There are 30 pears

$$6 \times 5 = 30$$

(6 rows x 5 columns)

Write two multiplications for this array.



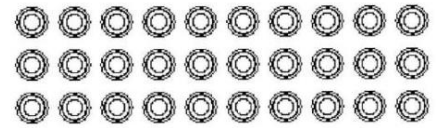
$$\boxed{2} \times \boxed{9} = \boxed{18}$$

$$\boxed{9} \times \boxed{2} = \boxed{18}$$

$$4 \times 5 = 5 \times 4$$



$$3 \times 10 = 10 \times 3$$



7 Draw dots to show each multiplication in two ways.

The first one has been done for you.

Multiplication	Array 1	Array 2
3×8		
2×5		
4×9		
6×1		

Wednesday

Mild

3 pineapples cost £6.00

$$£2 + £2 + £2 = £6$$

$$3 \times £2 = £6$$

The duck has 4 legs

$$2 + 2 + 2 + 2 = 8$$

$$4 \times 2 = 8$$

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

a)



$$\boxed{5} \times \boxed{2} = \boxed{10}$$

b)



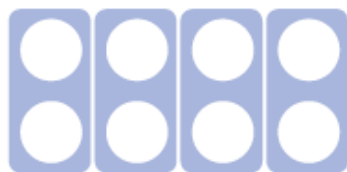
$$\boxed{7} \times \boxed{2} = \boxed{14}$$

c)



$$\boxed{4} \times \boxed{£2} = \boxed{£8}$$

Medium



$$\boxed{4} \times \boxed{2} = \boxed{8}$$



$$\boxed{5} \times \boxed{2} = \boxed{10}$$

a) Complete the number line.



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

Tick your answer.

1 times-table

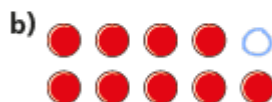
2 times-table ☒

3 times-table

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



$$2 \times 2 = \boxed{4}$$



$$2 \times 5 = \boxed{10}$$



$$2 \times \boxed{4} = 8$$

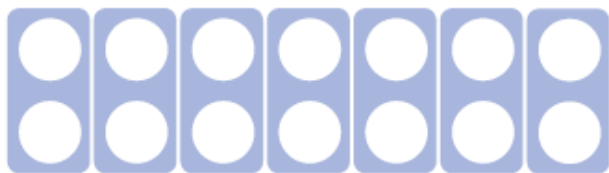
There are 10 eyes in total.

$$5 \times 2 = 10$$

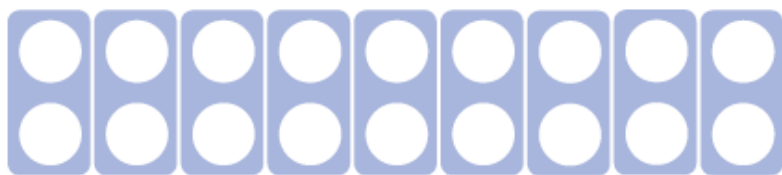
There are 14 eyes in total.

$$7 \times 2 = 14$$

Spicy



$$\boxed{7} \times \boxed{2} = \boxed{14}$$



$$\boxed{9} \times \boxed{2} = \boxed{18}$$

Complete the number sentences.

a) $3 \times 2 = \boxed{6}$

f) $\boxed{24} = 12 \times 2$

b) $\boxed{18} = 9 \times 2$

g) $2 \times \boxed{1} = 2$

c) $2 \times 5 = \boxed{10}$

h) $2 \times 0 = \boxed{0}$

d) $2 \times \boxed{2} = 4$

i) $14 = 2 \times \boxed{7}$

e) $12 = \boxed{6} \times 2$

j) $\boxed{11} \times 2 = 22$

Teddy has £8

Rosie has twice as much money as Teddy.

How much money does Rosie have?

Rosie has £ $\boxed{16}$

Eva says,



Every number in the 2 times-table is even.

Yes, because 2 is even, and the 2 times-table is going up in 2s. When you add two even numbers the answer is always even.

Is she correct? Explain your answer.

Wednesday extension - all children

$$1 \times 2 = 2$$

$$2 \times 2 = 4$$

$$3 \times 2 = 6$$

$$4 \times 2 = 8$$

$$5 \times 2 = 10$$

$$6 \times 2 = 12$$

$$7 \times 2 = 14$$

$$8 \times 2 = 16$$

$$9 \times 2 = 18$$

$$10 \times 2 = 20$$

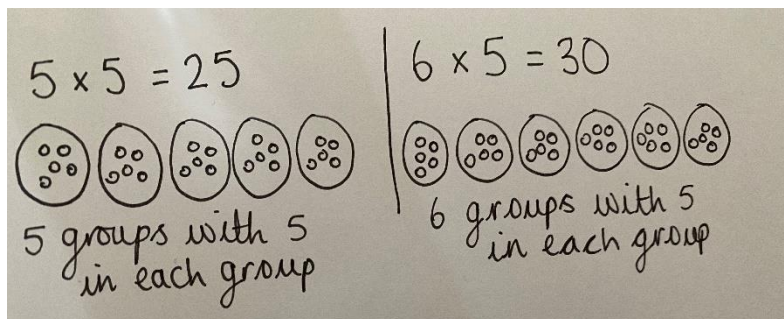
$$11 \times 2 = 22$$

$$12 \times 2 = 24$$

Thursday

Mild

There are 10 petals altogether $5 + 5 = 10$ $2 \times 5 = 10$	There are 15 petals altogether $5 + 5 + 5 = 15$ $3 \times 5 = 15$
There are 5 petals altogether $5 + 0 = 5$ $1 \times 5 = 5$	There are 20 petals altogether $5 + 5 + 5 + 5 = 20$ $4 \times 5 = 20$



Use <, > or = to make the statements correct.

$$2 \times 5 \quad \text{⊖} \quad 5 \times 2$$

$$3 \times 2 \quad \text{⋈} \quad 4 \times 5$$

$$10 \times 5 \quad \text{⋈} \quad 5 \times 5$$

Medium



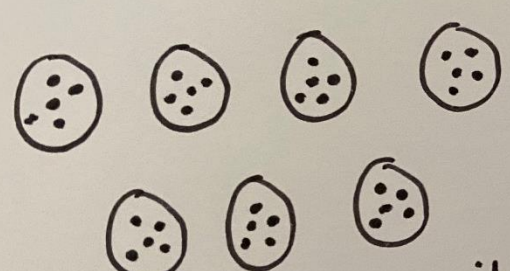
$$7 \times 5 = 35$$



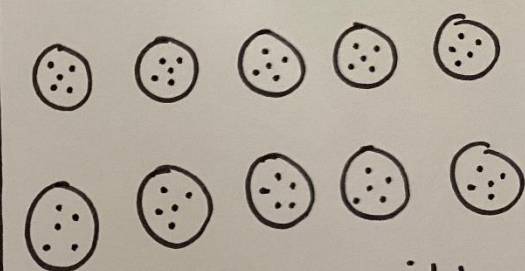
$$4 \times 5 = 20$$



$$9 \times 5 = 45$$

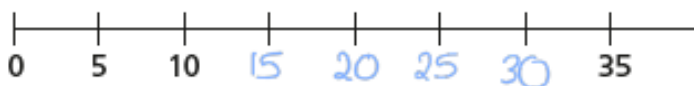
$$7 \times 5 = 35$$


7 groups with 5 counters in each group.

$$10 \times 5 = 50$$


10 groups with 5 counters in each group.

a) Complete the number line.



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

Tick your answer.

1 times-table 2 times-table

5 times-table

How much money does Ron have?

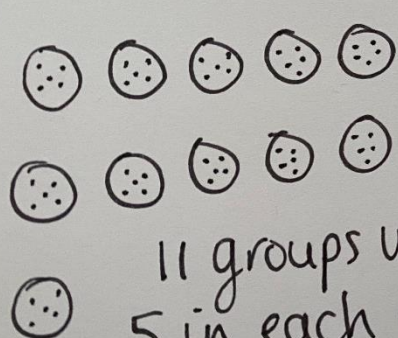


Complete the multiplication.

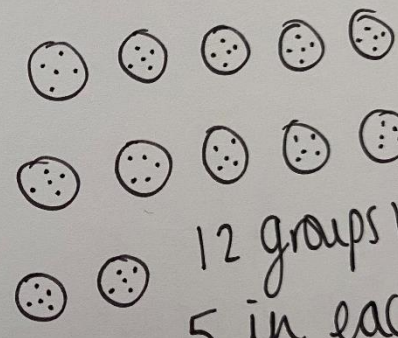
$$\boxed{10} \times \boxed{5p} = \boxed{50p}$$

Ron has 50 p.

Spicy

$$11 \times 5 = 55$$


11 groups with 5 in each group.

$$12 \times 5 = 60$$


12 groups with 5 in each group.

Complete the number sentences.

a) $5 \times 5 = \boxed{25}$

b) $\boxed{45} = 9 \times 5$

c) $5 \times 6 = \boxed{30}$

d) $5 \times \boxed{8} = 40$

e) $35 = \boxed{7} \times 5$

f) $\boxed{55} = 11 \times 5$

g) $5 \times \boxed{1} = 5$

h) $5 \times 0 = \boxed{0}$

i) $10 = 5 \times \boxed{2}$

j) $\boxed{12} \times 5 = 60$

Write $<$, $>$ or $=$ to compare the calculations.

7×5 $\boxed{<}$ 5×8

6×5 $\boxed{=}$ $4 \times 5 + 2 \times 5$

2×5 $\boxed{=}$ $3 \times 5 - 1 \times 5$

12×2 $\boxed{=}$ 2×12

A sandwich costs £2 and a box of crayons costs £5



Jack buys 5 sandwiches and 3 boxes of crayons.
How much does he spend in total?

Jack spends £ $\boxed{25}$

Thursday extension - all children

$$\begin{array}{l} 1 \times 5 = 5 \\ 2 \times 5 = 10 \\ 3 \times 5 = 15 \\ 4 \times 5 = 20 \\ 5 \times 5 = 25 \\ 6 \times 5 = 30 \end{array}$$

$$\begin{array}{l} 7 \times 5 = 35 \\ 8 \times 5 = 40 \\ 9 \times 5 = 45 \\ 10 \times 5 = 50 \\ 11 \times 5 = 55 \\ 12 \times 5 = 60 \end{array}$$

Friday

Key skills - shapes

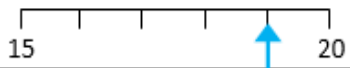
Circle: 0 vertices 1 edge	Rectangle: 4 vertices 4 edges
Triangle: 3 vertices 3 edges	Oval: 0 vertices 1 edge
Octagon: 8 vertices 8 edges	Square: 4 vertices 4 edges
Heptagon: 7 vertices 7 edges	Rhombus: 4 vertices 4 edges
Pentagon: 5 vertices 5 edges	Hexagon: 6 vertices 6 edges
Kite: 4 vertices 4 edges	

Weekly Quiz

Mild

1. What is the missing number? 66 67 68 69	1:1 70
2. What is the missing number? 5 10 15 20	1:2 25
3. What number is one less than 50?	1:3 49
4. Pat has 8 sweets. Sam has 5. Who has the least ?	1:4 Sam
5. Write this number in words: 16	1:5 Sixteen
6. What symbol is missing? 3 9 = 12	1:6 +

Medium/Spicy

1. What is the missing number? 0 3 6 12 15	2:1 9
2. Circle the 2s that have a value of 2 . 12 28 32 21	2:2 12, 32
3. Draw an arrow to label 19. 	2:3 Arrow
4. Put these in order, smallest first. 73 3 37 7	2:4 3,7, 37,73
5. Write this number in words. 36	2:5 Thirty six
6. There are 16 people on a bus. 9 more get on. How many people now?	2:6 25

