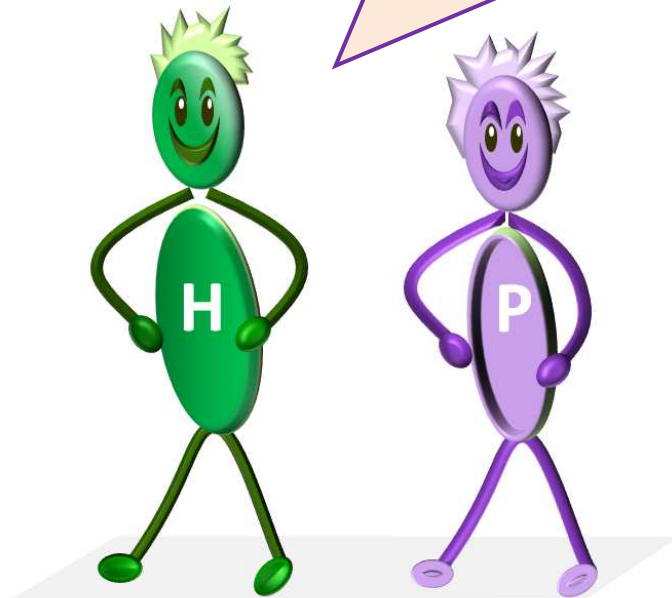


Henry and Poppy  
have fun with **Multiplication**

Year 2 maths

We had fun making these questions  
for you. Enjoy them.



# CONTENT

## Year 2:

- Repeated addition on a blank number line
- Using arrays for multiplication facts 2, 5 and 10
- Partitioning and using a blank number line
- Problem solving

1

Use a number line to do

$$9 \times 2$$



1 mark

Year-2-Multiplication – Repeated addition on a blank numbered line

2

Use a number line to do

$$6 \times 4$$



1 mark

Year-2-Multiplication – Repeated addition on a blank numbered line

3

Use a number line to do

$$7 \times 5$$



1 mark

Year-2-Multiplication – Repeated addition on a blank numbered line

4

Use a number line to do

$$8 \times 10$$



1 mark

Year-2-Multiplication – Repeated addition on a blank numbered line

5

Use a number line to do

$$4 \times 6 =$$



Use a number line to do

$$6 \times 4 =$$



What do you see?

1 mark

Year-2-Multiplication – Repeated addition on a blank numbered line

6

Use a number line to do

$$5 \times 10 =$$



Use a number line to do

$$10 \times 5 =$$



What do you see?

1 mark

Year-2-Multiplication – Repeated addition on a blank numbered line

7

Use a number line to do

$$2 \times 7 =$$



Use a number line to do

$$7 \times 2 =$$



What do you see?

1 mark

Year-2-Multiplication – Repeated addition on a blank numbered line

1

Count the faces



Now do  $3 \times 5 =$

5



What do you see?

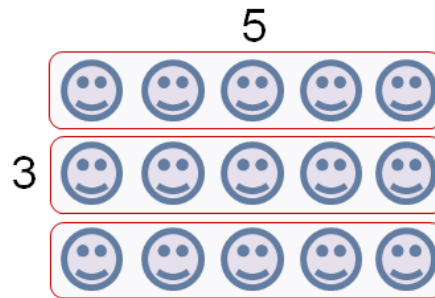
1 mark

**Year-2-Multiplication** – Using arrays for multiplication facts for 2, 5 and 10

2

The number of faces is

$$3 \times 5 =$$



The number of faces is also

$$5 \times 3 =$$



What do you see?

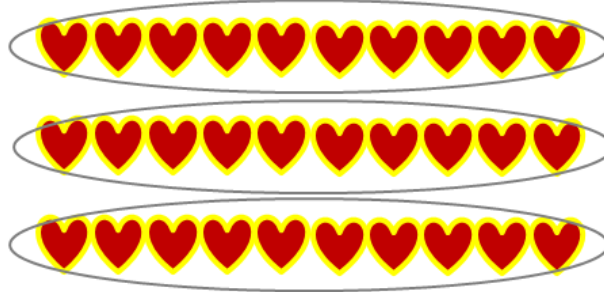
1 mark

Year-2-Multiplication – Using arrays for multiplication facts for 2, 5 and 10

3

The number of hearts is

$3 \times 10 =$



or

$10 \times 3 =$

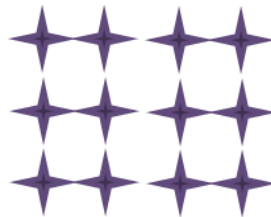
1 mark

Year-2-Multiplication – Using arrays for multiplication facts for 2, 5 and 10

4

The number of stars is

$3 \times 4 =$



or

$4 \times 3 =$

1 mark

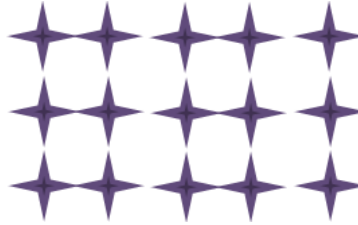
Year-2-Multiplication – Using arrays for multiplication facts for 2, 5 and 10



5

The number of stars is

$3 \times 5 =$



or

$5 \times 3 =$

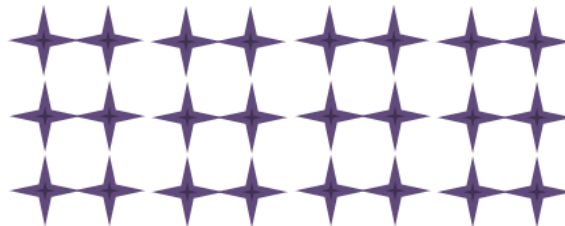
1 mark

**Year-2-Multiplication** – Using arrays for multiplication facts for 2, 5 and 10

6

The number of stars is

$3 \times 8 =$



or

$8 \times 3 =$

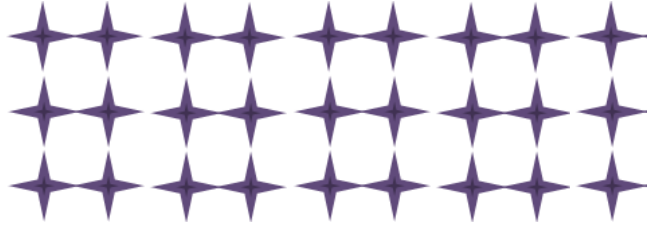
1 mark

**Year-2-Multiplication** – Using arrays for multiplication facts for 2, 5 and 10

7

The number of stars is

$3 \times 9 =$



or

$9 \times 3 =$

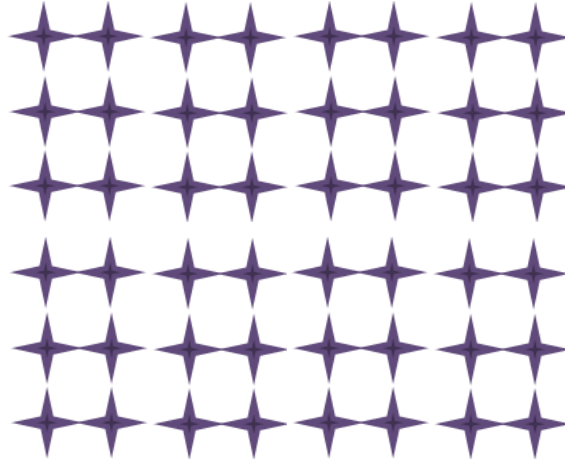
1 mark

**Year-2-Multiplication** – Using arrays for multiplication facts for 2, 5 and 10

8

The number of stars is

$6 \times 9 =$



or

$9 \times 6 =$

1 mark

Year-2-Multiplication – Using arrays for multiplication facts for 2, 5 and 10

1

## Partitioning

Splits big numbers into smaller numbers

	Tens		Ones
11 is the same as	<input type="text" value="10"/>	+	<input type="text" value="1"/>

19 is the same as	<input type="text" value="10"/>	+	<input type="text"/>
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23	=	<input type="text" value="20"/>	+	<input type="text" value="3"/>
----	---	---------------------------------	---	--------------------------------

45	=	<input type="text"/>	+	<input type="text"/>
----	---	----------------------	---	----------------------

67	=	<input type="text"/>	+	<input type="text"/>
----	---	----------------------	---	----------------------

1 mark

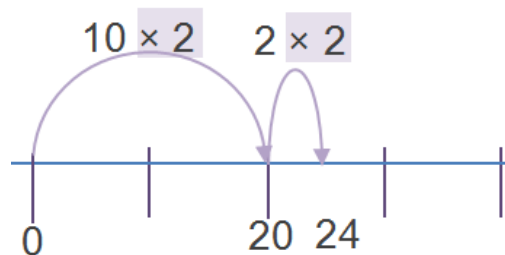
Year-2-Multiplication – Partitioning and using a blank number line

## Partitioning for multiplying

$$12 \times 2$$

	Tens		Ones
12	= <span style="border: 1px solid black; padding: 2px;">10</span>	+	<span style="border: 1px solid black; padding: 2px;">2</span>
$12 \times 2$	= $10 \times 2$	+	$2 \times 2$
			= <span style="border: 1px solid black; padding: 2px;">24</span>

Use a number line for each part



It's 10 lots of 2, then 2 lots of 2

3

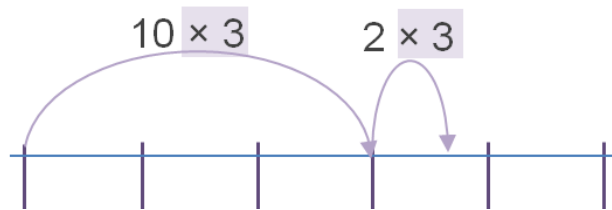
### Partitioning for multiplying

$$12 \times 3$$

$$12 = \begin{array}{c} \text{Tens} \\ \square \end{array} + \begin{array}{c} \text{Ones} \\ \square \end{array}$$

$$12 \times 3 = 10 \times 3 + 2 \times 3$$
$$= \square$$

Use a number line for each part



1 mark

Year-2-Multiplication – Partitioning and using a blank number line

4

### Partitioning for multiplying

$$15 \times 3$$

		Tens			Ones
15	=	<input type="text" value="10"/>	+	<input type="text" value="5"/>	
$15 \times 3$	=	$10 \times 3$	+	$5 \times 3$	
				=	<input type="text"/>

Use a number line for each part



1 mark

Year-2-Multiplication – Partitioning and using a blank number line

5

### Partitioning for multiplying

$$23 \times 4$$

		Tens			Ones
23	=	<input type="text"/>	+	<input type="text" value="3"/>	
$23 \times 4$	=	<input type="text"/>	$\times 4$	+	$3 \times 4$
				=	<input type="text"/>

Use a number line for each part



1 mark

Year-2-Multiplication – Partitioning and using a blank number line



6

### Partitioning for multiplying

$$32 \times 2$$

		Tens			Ones
32	=	<input type="text"/>	+		<input type="text"/>
$32 \times 2$	=	<input type="text"/>	$\times 2$	+	<input type="text"/>
					$\times 2$
				=	<input type="text"/>

Use a number line for each part



1 mark

Year-2 Multiplication – Partitioning and using a blank number line

1

There are **ten** eggs in one nest.



How many eggs are there in **three** nests?

1 mark


Year-2- MULTIPLY: Problem solve



2

Henry had 5 pairs of socks.



Poppy also had 5 pairs of socks

How many single socks did they have altogether.



1 mark


Year-2- MULTIPLY: Problem solve



4

There are 5 oranges in a box



How many oranges are in 5 boxes

1 mark


Year-2- MULTIPLY: Problem solve

5

There are 4 bananas in a box



How many bananas are in 10 boxes

1 mark


Year-2- MULTIPLY: Problem solve

6

There are 5 oranges in a row in a tray



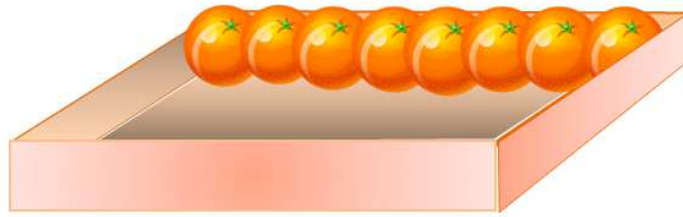
A full tray can have seven rows.  
How many oranges are in a full tray.

1 mark


Year-2- MULTIPLY: Problem solve

7

There are 8 oranges in a row in a tray



A full tray can have five rows.  
How many oranges are in a full tray.

1 mark


Year-2- MULTIPLY: Problem solve



8

A tray of oranges has 4 rows.  
In each row there are 8 oranges

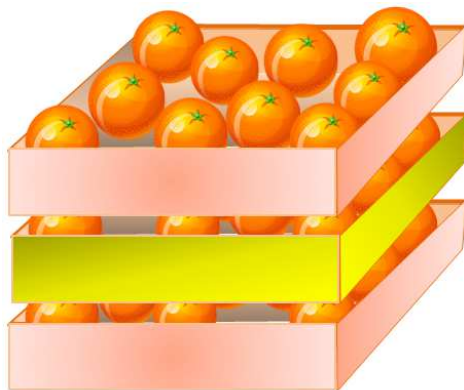


How many oranges are there altogether.  
Can you do this by multiplying?

1 mark


Year-2- MULTIPLY: Problem solve

Each tray has 10 oranges.  
There are 3 trays in a stack



How many oranges are there altogether.  
Can you do this by multiplying?

1 mark


**Year-2 MULTIPLY:** Problem solve -