Year 2 Multiplication from Pictures

Today we are going to build on our work from yesterday to create multiplication sentences from pictures. Tuesday 02.02.21



Fluency Revision

Complete these calculations; Show how you worked them out:

- 32 19=
- 41 16 =
- 65 + 17 =
- 98 53 =
- 51 + 28=



Choose 2 calculations and create a fact family.

Mrs Riley has £1. She buys a pen for 26p and a notebook for 53p. How much change does she have?

Vocabulary

Tepr 2

Tear 2

Nage 2



Recap

Equal Groups

Each group has equal number of objects.



Yesterday we learned how to describe our equal groups using the multiplication symbol.

5 groups with 2 in each group.

2+ 2 + 2 + 2 + 2 = 10

5 x 2 = 10



Use these symbols to write 2 number sentences about this picture.







What does this symbol mean? Talk to your grown up.



Explore

What multiplication number sentence can you write about the ladybirds?



is how many groups there are. is how many are in each group. Watch our lesson video to see Mrs Riley's explanation.

Explore

What multiplication number sentence can you write about the ladybirds?



6 x 2 = 12

6 is how many groups there are.2 is how many are in each group.



What does the **5** represent in this multiplication?



3 x **5** = 15

Explore

What does the **5** represent in this multiplication?



Guided Practice...

How could we describe this picture using the multiplication symbol?





Guided Practice

How could we describe this picture using the multiplication symbol?









Guided Practice

Millie is counting her cakes. She has 4 boxes each with 3 cakes in. How many cakes does she have?

> Draw a picture for this word problem and use it to write a multiplication sentence.

Watch our lesson video to watch Mrs Riley's explanation.



Review

Millie is counting her cakes. She has 4 boxes each with 3 cakes in. How many cakes does she have?





Your Turn

There are five purses and each one has 10p in it. How much money is there altogether?

> Draw a picture for this word problem. Use your picture to create a multiplication sentence to help you solve the problem.









Guided Practice



What does the 3 represent?

Guided Practice



each group.



Riley's explanation.



Explain your answer.

True. 5 x 3 is the same as 5 lots of 3 or three 5s. 5 x 3 = 15 and 5 lots of 3 = 15

Independent Practice



1 Complete the table below.

	Picture	Multiplication	Sentence			
		3 x	is equal to 30.			
		x	is equal to 14.			
		x	is equal to 10.			
		x	is equal to 15.			
2	2 There are 5 apples in each fruit bowl. There are 3 bowls. How many apples are there altogether? Complete the calculation to show this.					
	x =					
	Draw a picture to represent this.					

If you're finding things tricky...

1 Complete:









2 Draw groups to show 10 lots of 2:

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



2 Complete the table below.

Picture	Multiplication	Sentence
	2 x 10	is equal to 20.
	x	is equal to 16.

3 Two lots of seven is equal to 7 + 2.

True

Explain your answer.

False



If you want a challenge

These statements represent this picture. Which ones are true and which are false?



Draw a picture to match each problem and find the answer.

There are four plates with two biscuits on each plate. How many biscuits are there in total?

There are ten sweets in a bag. There are three bags. How many sweets are there altogether?

A purse has five 5p coins in it. How much money is there in total?

Write a story and draw a picture for each calculation.

10 × 2

2 × 8

5 × 6





Fluency Revision

Complete these calculations; Show how you worked them out:

32 - 19= 13 41 - 16 = 25 65 + 17 = 82 98 - 53 = 45 51 + 28=79



Mrs Riley has £1. She buys a pen for 26p and a notebook for 53p. How much change does she have?

26p + 53p = 79p£1-79p = 21p



1 Complete the table below.

Picture	Multiplication	Sentence
	3 x <u>10</u>	<u> </u>
	2 x _7_	lots of is equal to 14.
	_ <u>5</u> x _2_	<u>5</u> lots of <u>2</u> is equal to 10.
	<u>3</u> x <u>5</u>	<u>3</u> lots of <u>5</u> is equal to 15.

2 There are 5 apples in each fruit bowl. There are 3 bowls. How many apples are there altogether? Complete the calculation to show this.

<u>3</u> x <u>5</u> = <u>15</u>

Draw a picture to represent this.

Any picture to show 3 equal groups with 5 in each group.

1 Complete:



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



Complete the table below.

Picture	Multiplication	Sentence
	2 x 10	<u>2</u> lots of <u>10</u> is equal to 20.
	<u>2</u> x <u>8</u>	<u>2</u> lots of <u>8</u> is equal to 16.

Two lots of seven is equal to 7 + 2.

Explain your answer. True Two lots of seven is equal to 14. 7 + 2 = 9False ~ Therefore, the answer is false.





Children should draw an appropriate picture to match each problem. 2 × 4 = 8 10 × 3 = 30 5 × 5 = 25 (or 5 × 5p = 25p) Children draw a picture and write a story to represent each calculation. 10 × 2 = 20 2 × 8 = 16 5 × 6 = 30

