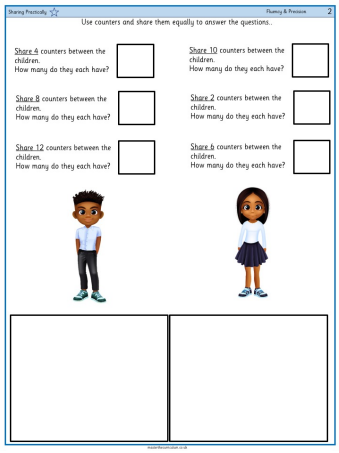
Lesson 1 – Multiplication & Division – Sharing Practically

NC Objective:	Resources needed:	Vocabulary:
Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.	Differentiated Sheets Teaching Slides, counters	Multiplication, division, sharing, equal, groups

Children divide by sharing objects into equal groups using one-to-one correspondence. They need to do this using concrete manipulatives in different contexts, then move on to pictorial representations.
Children will be introduced to the '÷' symbol. They will begin to see the link between division and multiplication. Children divide by sharing to make equal groups using one to one correspondence. They do this practically in this lesson using counters.

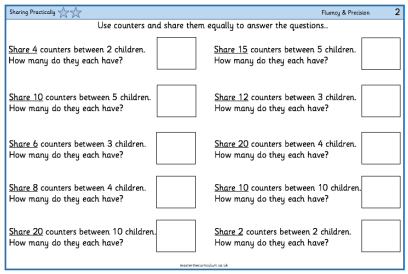
Key Questions:
How many do you have to begin with? How many equal groups are you sharing between?
How many are in each group? How do you know that you have shared the objects equally?
___ has been shared equally into ___ equal groups.
I have ___ in each group. ___ groups of ___make ___.

★ Working Towards


Sharing Practically ☆ Fluency & Precision 2
Use counters and share them equally to answer the questions..
Share 4 counters between the children. How many do they each have?
Share 10 counters between the children. How many do they each have?
Share 8 counters between the children. How many do they each have?
Share 2 counters between the children. How many do they each have?
Share 12 counters between the children. How many do they each have?
Share 6 counters between the children. How many do they each have?

Children on this sheet share between two - seeing the link between halving and sharing between two.

★★ Working Within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Share 4 counters between 2 children. How many do they each have?
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Share 10 counters between 5 children. How many do they each have?
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Share 6 counters between 3 children. How many do they each have?
Share 20 counters between 4 children. How many do they each have?
Share 8 counters between 4 children. How many do they each have?
Share 10 counters between 10 children. How many do they each have?
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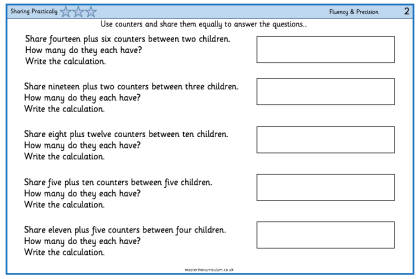
Share 2 counters between 2 children. How many do they each have?

Children on this sheet share between two, three, four, five and ten.

★★★ Greater Depth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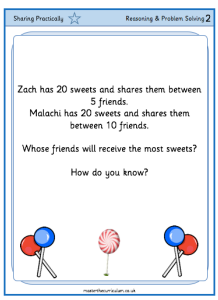
Share fourteen plus six counters between two children. How many do they each have? Write the calculation.
Share nineteen plus two counters between three children. How many do they each have? Write the calculation.
Share eight plus twelve counters between ten children. How many do they each have? Write the calculation.
Share five plus ten counters between five children. How many do they each have? Write the calculation.
Share eleven plus five counters between four children. How many do they each have? Write the calculation.

Children on this sheet share need to read written calculations to find the amount they need to share. They then write the full division calculation they have used to solve the question.

Reasoning & Problem Solving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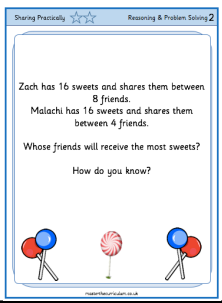
Malachi has 20 sweets and shares them between 10 friends.
Whose friends will receive the most sweets?
How do you know?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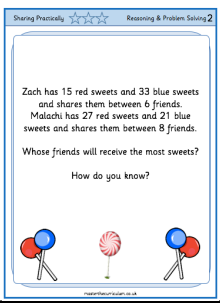
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Share 12 counters between the children.
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Share 6 counters between the children.
How many do they each have?

Use counters and share them equally to answer the questions..

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Share 10 counters between the children.
How many do they each have?

5

Share 8 counters between the children.
How many do they each have?

4

Share 2 counters between the children.
How many do they each have?

1

Share 12 counters between the children.
How many do they each have?

6

Share 6 counters between the children.
How many do they each have?

3

Use counters and share them equally to answer the questions..

Share 4 counters between 2 children.
How many do they each have? ☐

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Share 12 counters between 3 children. How many do they each have?	4
Share 6 counters between 3 children. How many do they each have?	2
Share 20 counters between 4 children. How many do they each have?	5
Share 8 counters between 4 children. How many do they each have?	2
Share 10 counters between 10 children. How many do they each have?	1
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Sharing Practically ☆☆ Answers Fluency & Precision 2

Use counters and share them equally to answer the questions..

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Share 8 counters between 4 children. How many do they each have?	2
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18 ÷ 2 = 9

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21 ÷ 3 = 7

Share eight plus twelve counters between ten children.
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Write the calculation.

20 ÷ 10 = 2

Share five plus ten counters between five children.
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Write the calculation.

15 ÷ 5 = 3

Share eleven plus five counters between four children.
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Write the calculation.

16 ÷ 4 = 4

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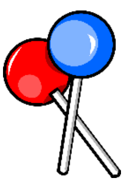

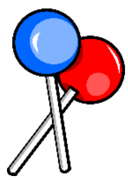

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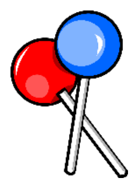

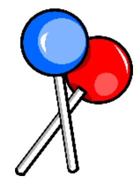

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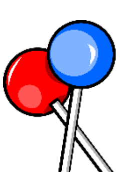

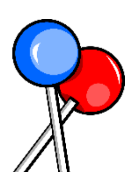

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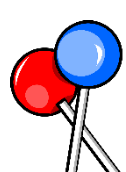

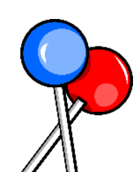

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