

# Varied Fluency

## Step 1: Make Equal Groups – Sharing

Teaching note: We recommend using concrete manipulatives to support children's understanding of sharing into groups.

### National Curriculum Objectives:

Mathematics Year 2: (2C6) [Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers](#)

Mathematics Year 2: (2C7) [Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication \( \$\times\$ \), division \( \$\div\$ \) and equals \( \$=\$ \) signs](#)

Mathematics Year 2: (2C8) [Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts](#)

### Differentiation:

**Developing** Questions to support dividing amounts by sharing into equal groups. Pictorial support is aligned to reflect group sizes and all images are the same size; one to one correspondence used; numerals only.

**Expected** Questions to support dividing amounts by sharing into equal groups. Pictorial support is not aligned and mixed sizes are used; one to one correspondence used; numerals only.

**Greater Depth** Questions to support dividing amounts by sharing into equal groups. Includes either children creating their own pictorial support or no pictorial support; numerals and words.

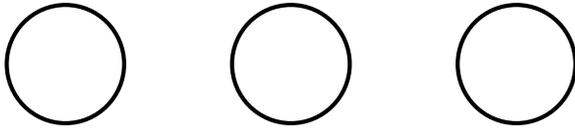
More [Year 2 Multiplication and Division](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

## Make Equal Groups – Sharing

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1a. Share the cars into equal groups.  
Complete the stem sentence.

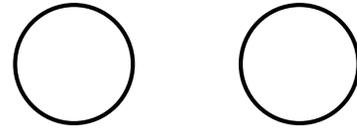


is shared into  groups of



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1b. Share the flowers into equal groups.  
Complete the stem sentence.

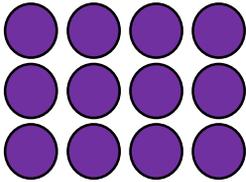


is shared into  groups of



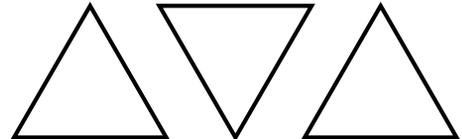
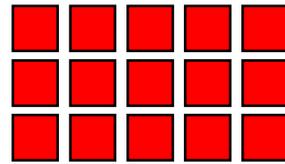
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2a. True or false? 12 can be shared  
equally between 3 groups.



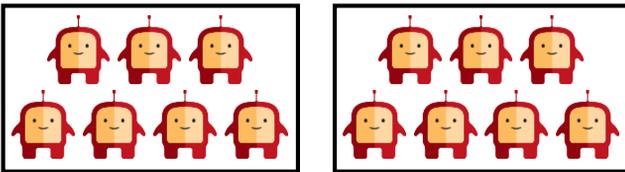
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2b. True or false? 15 can be shared  
equally between 3 groups.



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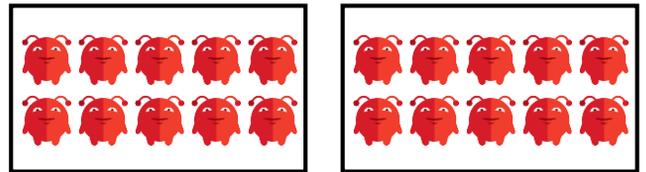
3a. Use the pictures to complete the  
number sentence.



$$14 \div \square = \square$$

VF

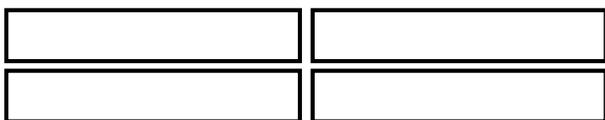
3b. Use the pictures to complete the  
number sentence.



$$20 \div \square = \square$$

VF

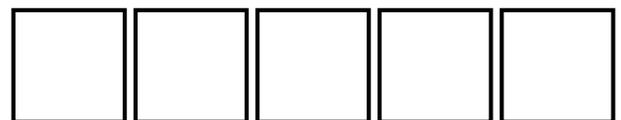
4a. Solve the calculation below.



$$8 \div 4 = \square$$

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4b. Solve the calculation below.

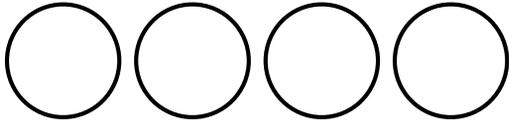
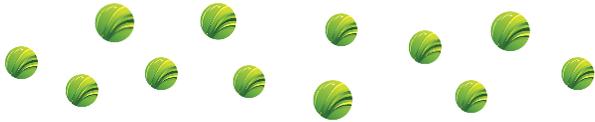


$$10 \div 5 = \square$$

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## Make Equal Groups – Sharing

5a. Share the marbles into equal groups. Complete the stem sentence.



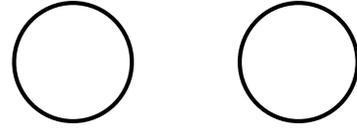
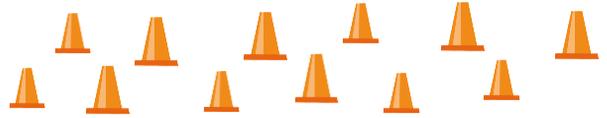
is shared into  groups of



VF

## Make Equal Groups – Sharing

5b. Share the cones into equal groups. Complete the stem sentence.

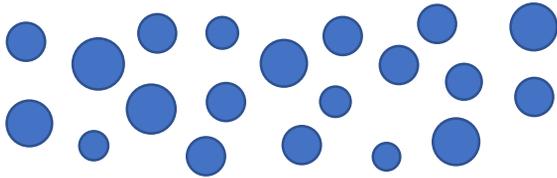


is shared into  groups of



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6a. True or false? 20 can be shared equally between 5 groups.

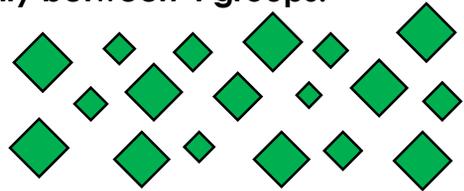


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6b. True or false? 18 can be shared equally between 4 groups.

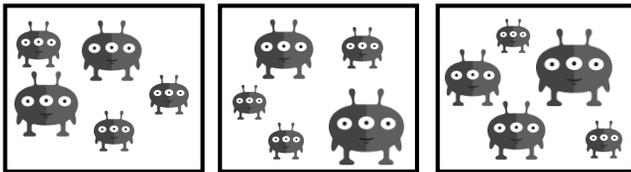


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7a. Use the pictures to complete the number sentence.

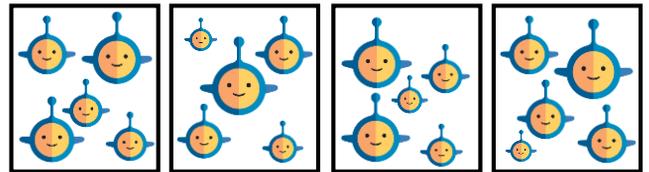


$\div$   =



VF

7b. Use the pictures to complete the number sentence.



$\div$   =



VF

8a. Solve the calculation below.

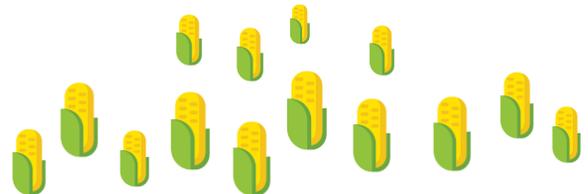


$\div$  6 =



VF

8b. Solve the calculation below.



$\div$  7 =



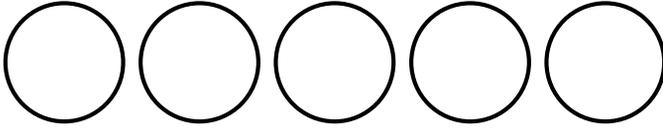
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## Make Equal Groups – Sharing

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9a. Share the cups into equal groups.  
Complete the stem sentence.

**fifteen cups**



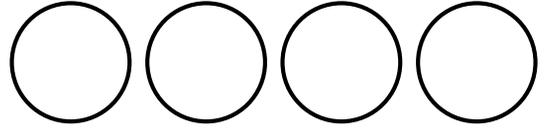
is shared into  groups of



VF

9b. Share the jewels into equal groups.  
Complete the stem sentence.

**twenty jewels**



is shared into  groups of



VF

10a. True or false? 36 can be a shared  
equally between 7 groups.



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10b. True or false? 24 can be a shared  
equally between 6 groups.

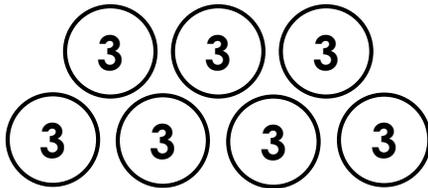


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<input type="text"/>	<input type="text"/>	<input type="text"/>



VF

11a. Use the pictures to complete the  
number sentence.



$$21 \div \square = \square$$



VF

11b. Use the pictures to complete the  
number sentence.



$$27 \div \square = \square$$



VF

12a. Create your own sets of equal  
groups to solve the calculations.

$$40 \div 8 = \square$$

$$24 \div 8 = \square$$



VF

12b. Create your own sets of equal  
groups to solve the calculations.

$$30 \div 6 = \square$$

$$30 \div 5 = \square$$



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## Varied Fluency Make Equal Groups – Sharing

### Developing

1a. 6 is shared into 3 groups of 2.

2a. True

3a.  $14 \div 2 = 7$

4a.  $8 \div 4 = 2$

### Expected

5a. 12 is shared into 4 groups of 3.

6a. True

7a.  $15 \div 3 = 5$

8a.  $18 \div 6 = 3$

### Greater Depth

9a. 15 is shared into 5 groups of 3.

10a. False. 36 cannot be shared into 7 groups.

11a.  $21 \div 7 = 3$

12a.  $40 \div 8 = 5$ ;  $24 \div 8 = 3$

## Varied Fluency Make Equal Groups – Sharing

### Developing

1b. 10 is shared into 2 groups of 5.

2b. True

3b.  $20 \div 2 = 10$

4b.  $10 \div 5 = 2$

### Expected

5b. 12 is shared into 2 groups of 6.

6b. False. 18 cannot be shared into 4 groups.

7b.  $20 \div 4 = 5$

8b.  $14 \div 7 = 2$

### Greater Depth

9b. 20 is shared into 4 groups of 5.

10b. True

11b.  $27 \div 3 = 9$

12b.  $30 \div 6 = 5$ ;  $30 \div 5 = 6$