

Homework/Extension

Step 1: Make Equal Groups – Sharing

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:

Questions 1, 4 and 7 (Varied Fluency)

Developing Match each representation to a sharing calculation. Images are the same size and aligned to reflect the sharing being asked.

Expected Match each representation to a sharing calculation. Images are not the same size and not aligned to reflect the sharing being asked.

Greater Depth Match each representation to a sharing calculation. Includes pictorial representations with a value greater than 1 as well as numerals and words.

Questions 2, 5 and 8 (Varied Fluency)

Developing Find the odd one out from the sharing representations. Images are the same size and aligned to reflect the sharing being asked.

Expected Find the odd one out from the sharing representations. Images are not the same size and not aligned to reflect the sharing being asked.

Greater Depth Find the odd one out from the sharing representations. Includes pictorial representations with a value greater than 1 as well as numerals and words.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Explain whether the statement is correct. Images are the same size and aligned to reflect the sharing being asked.

Expected Explain whether the statement is correct. Images are not the same size and not aligned to reflect the sharing being asked.

Greater Depth Explain whether the statement is correct. No pictorial support given, children to draw their own.

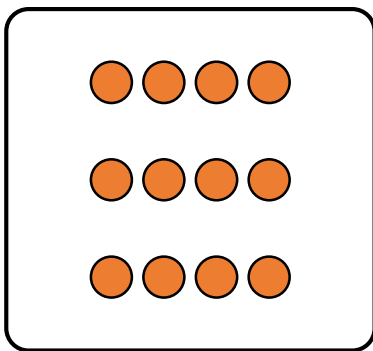
More [Year 2 Multiplication and Division](#) resources.

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

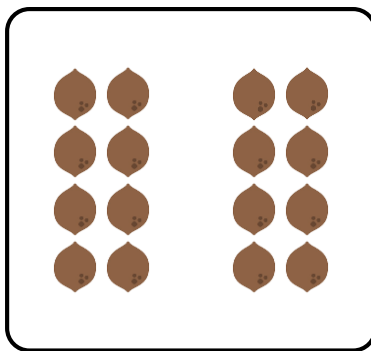
Make Equal Groups – Sharing

1. Match the representation to the calculation.

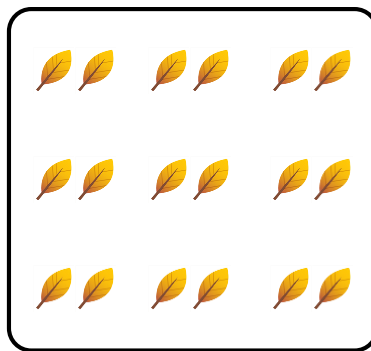
A.



B.



C.



$$16 \div 2 = 8$$

$$12 \div 3 = 4$$

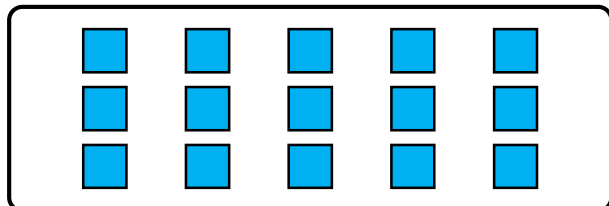
$$18 \div 9 = 2$$



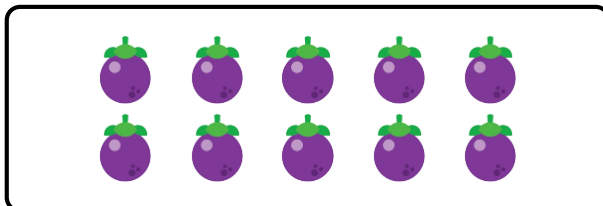
VF
HW/Ext

2. Which amount can not be shared equally into 5 groups?

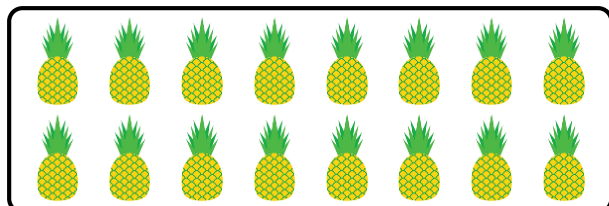
A.



B.



C.



D.



VF
HW/Ext

3. True or false?



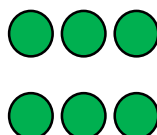
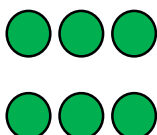
Lena

I share 12 into two groups. Then I share those groups into two more groups.

I share 12 into six groups. My answer is the same as Lena's.



Tom



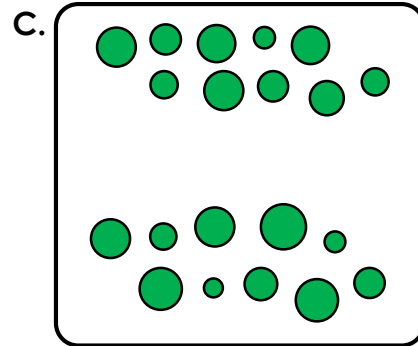
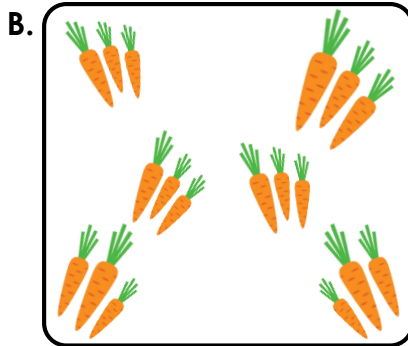
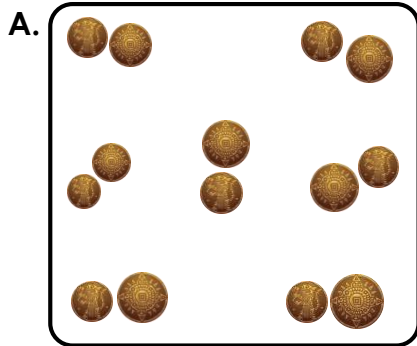
Explain how you know.



RPS
HW/Ext

Make Equal Groups – Sharing

4. Match the representation to the calculation.



$$18 \div 6 = 3$$

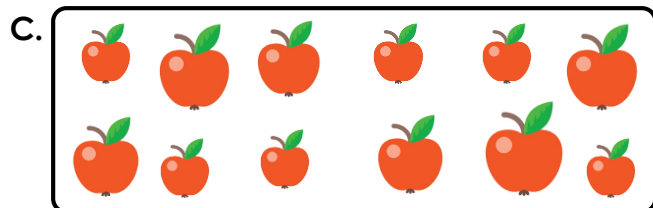
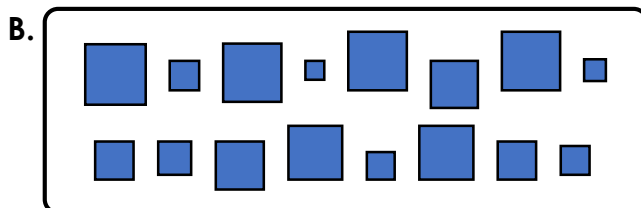
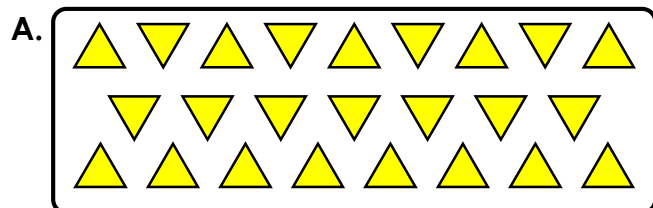
$$20 \div 2 = 10$$

$$14 \div 7 = 2$$



VF
HW/Ext

5. Which amount can not be shared equally into 4 groups?



VF
HW/Ext

6. True or false?



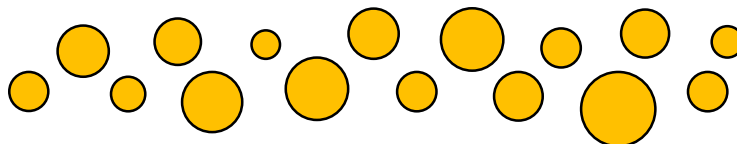
Isaac

I share 16 into two groups. Then I share those groups into two more groups.

I share 16 into four groups. My answer is the same as Isaac's.



Mia



Explain how you know.

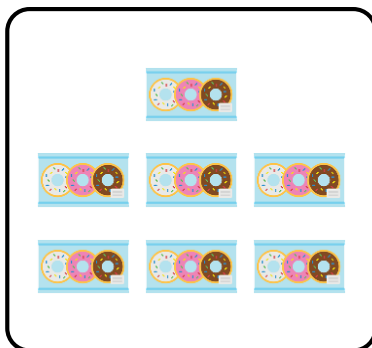


RPS
HW/Ext

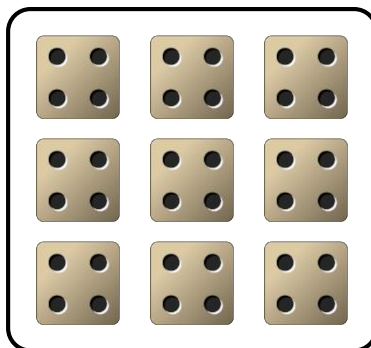
Make Equal Groups – Sharing

7. Complete the calculations and match them to the correct representation.

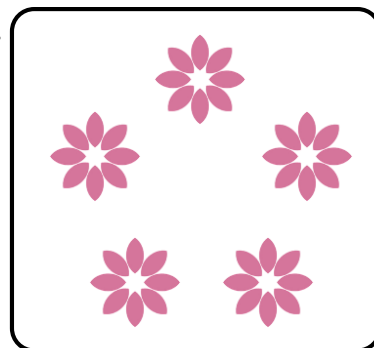
A.



B.



C.



$$36 \div \square = 4$$

$$40 \div 5 = \square$$

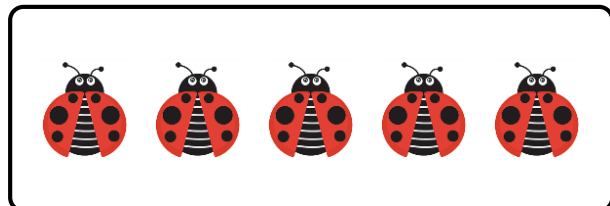
$$\square \div 7 = 3$$



VF
HW/Ext

8. Which representation does not give an answer of 6?

A.



B.

six cakes shared
between one person

C.

eighteen divided by
three

D.

$24 \div 3$



VF
HW/Ext

9. True or false?



Albert

I share 21 into seven groups.

I share 18 into 6 groups. My answer is greater than
Albert's.



Sam

Draw your own images to help you.

Explain how you know.



RPS
HW/Ext

Homework/Extension

Make Equal Groups – Sharing

Developing

1. A. $12 \div 3 = 4$; B. $16 \div 2 = 8$; C. $18 \div 9 = 2$
2. C
3. False. Tom's answer is smaller than Lena's because sharing 12 into two groups will give 2 groups of 6. Sharing those groups into two more groups will give you 4 groups of 3. If you share 12 into six groups you will get 6 groups of 2.

Expected

4. A. $14 \div 7 = 2$; B. $18 \div 6 = 3$; C. $20 \div 2 = 10$
5. D
6. True because if you share 16 into two groups you will have 2 groups of 8. If you share those groups into two more groups you will have 4 groups of 4, the same as if you shared 16 into 4 groups.

Greater Depth

7. A. $\underline{21} \div 7 = 3$; B. $36 \div \underline{9} = 4$; C. $40 \div 5 = \underline{8}$
8. D
9. False because both children would get the same answer. Sharing 21 into seven groups will give 7 groups of 3. Sharing 18 into six groups will give 6 groups of 3.