

Divide a Number by 1 and Itself



1) Share these counters equally between the boxes and complete the statements and calculations.



___ counters are shared equally between ___ boxes.

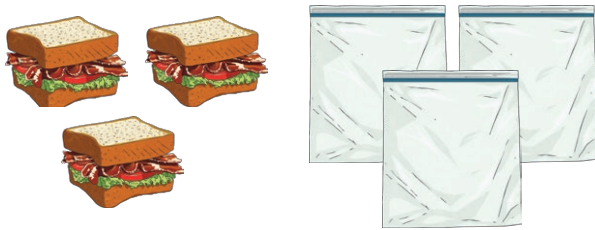
$$__ \div __ = __$$



___ counters are shared equally between ___ box.

$$__ \div __ = __$$

2) Share the sandwiches equally between the bags and complete the sentence and calculation.



___ sandwiches shared equally between ___ bags means there is ___ sandwich in each bag.

$$3 \div __ = __$$

3) Solve these calculations.

a) $5 \div 1 = __$ b) $11 \div 11 = __$

c) $9 \div __ = 1$ d) $__ \div 1 = 100$

4)

a) The teacher asks 6 children to get into groups of 6. Draw a bar model to represent this. How many groups are there?

b) He then asks the same children to get into groups of 1.

Draw a bar model to represent this.

How many children are in each group?



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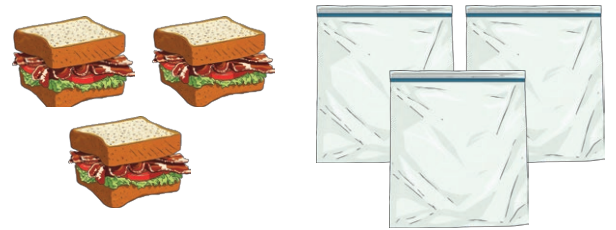
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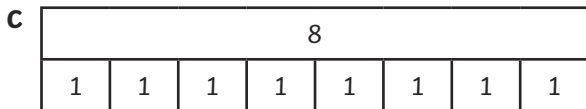
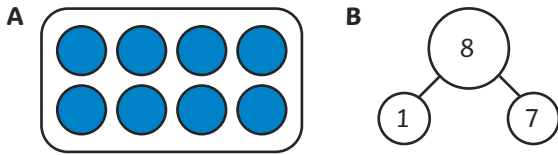
How many children are in each group?



Divide a Number by 1 and Itself



- 1) Abi has used these different representations to show $8 \div 1 = 8$. Identify whether each representation is correct or incorrect. Explain why.




- 2) Identify whether each calculation is correct or incorrect. Then, explain and correct any errors.


- A $2 \div 2 = 0$
 B $9 \div 1 = 9$
 C $5 \div 5 = 5$
 D $12 \div 1 = 1$
 E $11 \div 1 = 11$

- 3) Bartek and Joseph both make a statement about dividing by 1. Explain any errors.

$10 \div 1$ is less than 10×1 because dividing makes the number smaller.



Joseph



$9 \div 1$ is equal to $1 \div 9$.

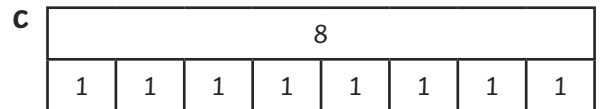
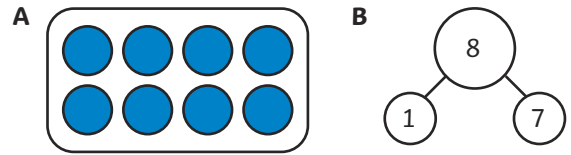
Bartek



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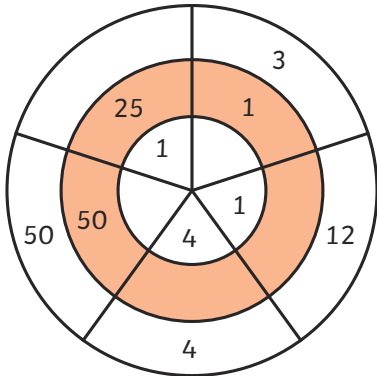
Bartek



Divide a Number by 1 and Itself



- 1) Complete the diagram. In each segment, when the outer number is divided by the number in the shaded area, it should equal the inner number.



- 2) Using the digit cards only once, complete all the comparison statements. Find three possible answers.



___ ÷ ___ = ___ ÷ ___

___ ÷ 1 < 4 ÷ 1

4 ÷ 1 > ___ ÷ 1

- 3) Fill in the missing spaces with \times or \div to complete these comparisons.

a) $7 \square 7 = 92 \square 92$

b) $8 \square 8 < 9 \square 1$

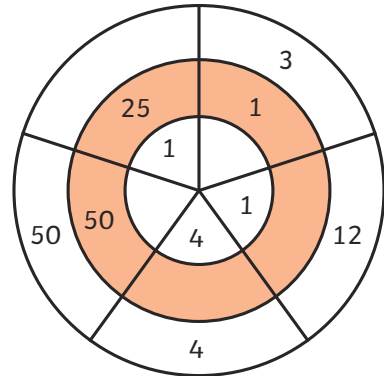
c) $6 \square 1 > 5 \square 1$



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