

Compare the statements using  $<$ ,  $>$  or  $=$

$$48 \div 4 \bigcirc 36 \div 3$$

$$52 \div 4 \bigcirc 42 \div 3$$

$$60 \div 3 \bigcirc 60 \div 4$$

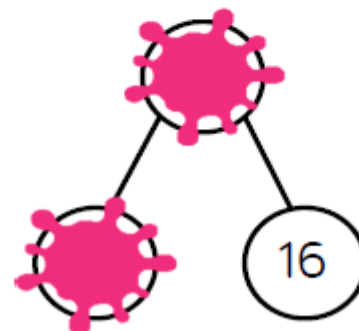
Amir partitioned a number to help him divide by 8

Some of his working out has been covered with paint.

What number could Amir have started with?

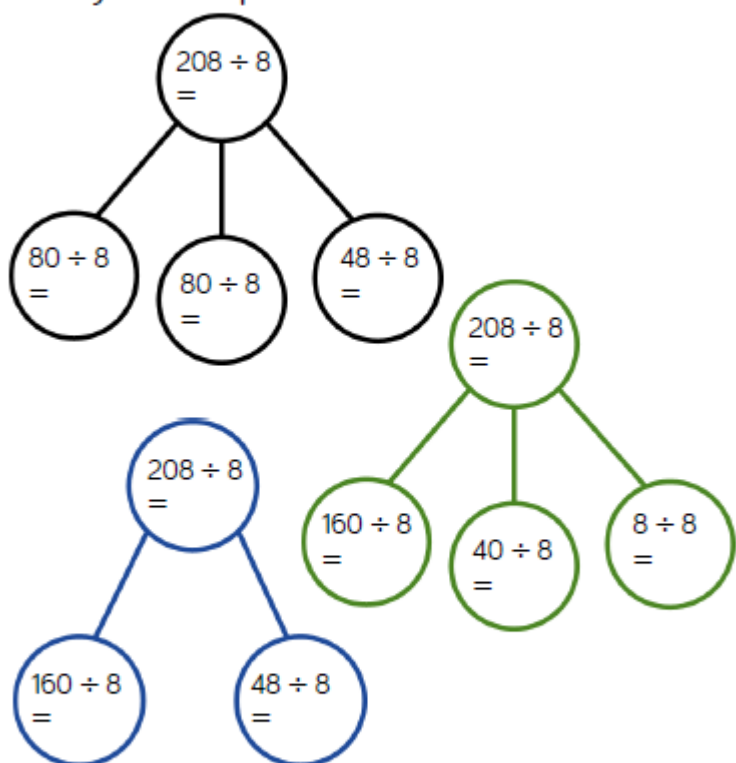


$$\text{[Painted out]} \div 8$$



Dexter is calculating  $208 \div 8$  using part-whole models.

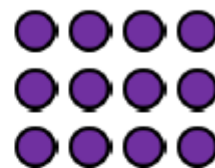
Can you complete each model?



How many part-whole models can you make to calculate  $132 \div 4$ ?

You have 12 counters and the place value grid. You must use all 12 counters to complete the following.

Hundreds	Tens	Ones



Create a 3-digit number divisible by 2

Create a 3-digit number divisible by 3

Create a 3-digit number divisible by 4

Create a 3-digit number divisible by 5

Can you find a 3-digit number divisible by 6, 7, 8 or 9?

## Maths Extension Answers

Compare the statements using  $<$ ,  $>$  or  $=$

$$48 \div 4 \bigcirc 36 \div 3$$

$=$

$$52 \div 4 \bigcirc 42 \div 3$$

$<$

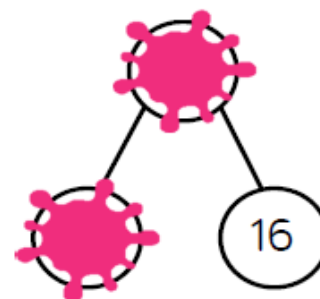
$$60 \div 3 \bigcirc 60 \div 4$$

$>$

Amir partitioned a number to help him divide by 8

Some of his working out has been covered with paint.

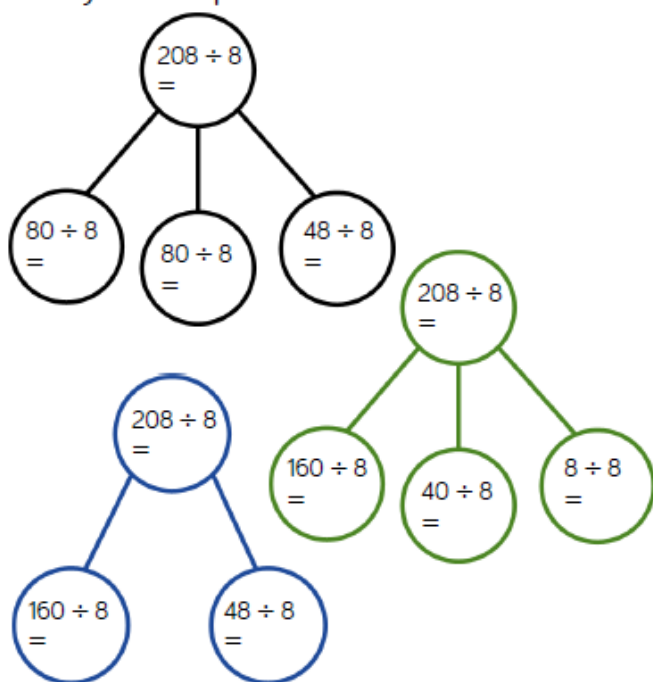
What number could Amir have started with?



The answer could be 56 or 96

Dexter is calculating  $208 \div 8$  using part-whole models.

Can you complete each model?



How many part-whole models can you make to calculate  $132 \div 4$ ?

$$208 \div 8 = 26$$

$$80 \div 8 = 10$$

$$48 \div 8 = 6$$

$$160 \div 8 = 20$$

$$40 \div 8 = 5$$

$$8 \div 8 = 1$$

Children can then make a range of part-whole models to calculate  $132 \div 4$

e.g.

$$100 \div 4 = 25$$

$$32 \div 4 = 8$$

You have 12 counters and the place value grid. You must use all 12 counters to complete the following.

Hundreds	Tens	Ones



Create a 3-digit number divisible by 2  
 Create a 3-digit number divisible by 3  
 Create a 3-digit number divisible by 4  
 Create a 3-digit number divisible by 5  
 Can you find a 3-digit number divisible by 6, 7, 8 or 9?

2: Any even number

3: Any 3-digit number (as the digits add up to 12, a multiple of 3)

4: A number where the last two digits are a multiple of 4

5: Any number with 0 or 5 in the ones column.

Possible answers

6: Any even number

7: 714, 8: 840

9: impossible