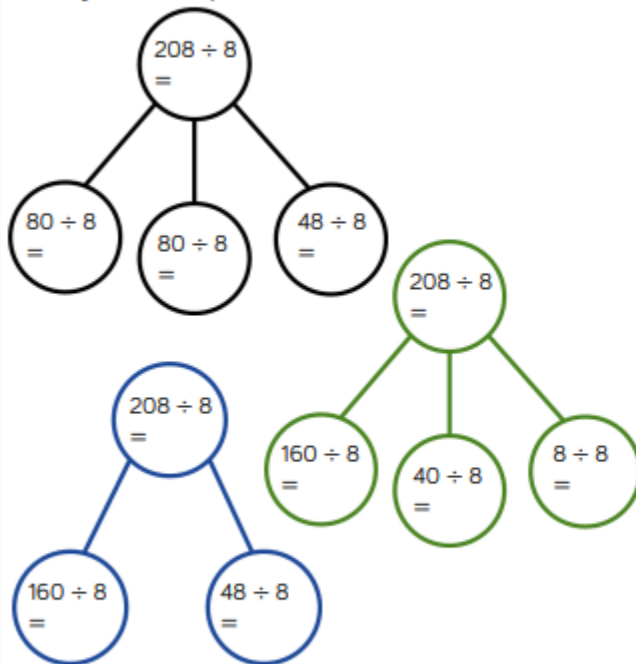


Dexter is calculating $208 \div 8$ using part-whole models.
Can you complete each model?



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

$$208 \div 8 = 26$$

$$80 \div 8 = 10$$

$$48 \div 8 = 6$$

$$160 \div 8 = 20$$

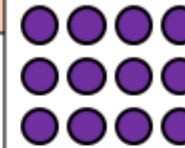
$$40 \div 8 = 5$$

$$8 \div 8 = 1$$

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