



MODELLED EXAMPLE

Four friends release lanterns onto the river. There are 48 lanterns on the river.



How many did they release each?

48 ÷ 4 =

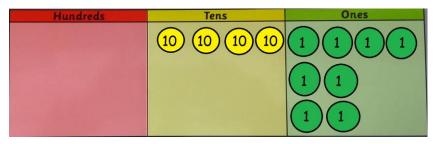
A quarter of 48 is _____

Act out the problems with equipment.



<u>Working it out – bar model</u>

First, make 48 on a place value mat. You will need <u>4 tens</u> and <u>8 ones</u>.



Second, divide the 4 tens into 4 equal group. This will make four groups of 10.

Then, divide the 8 units into 4 equal groups. This will make 4 groups of 2.



48 ÷ 4 = 12 A quarter of 48 is 12.

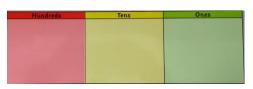
INTELLIGENT PRACTICE

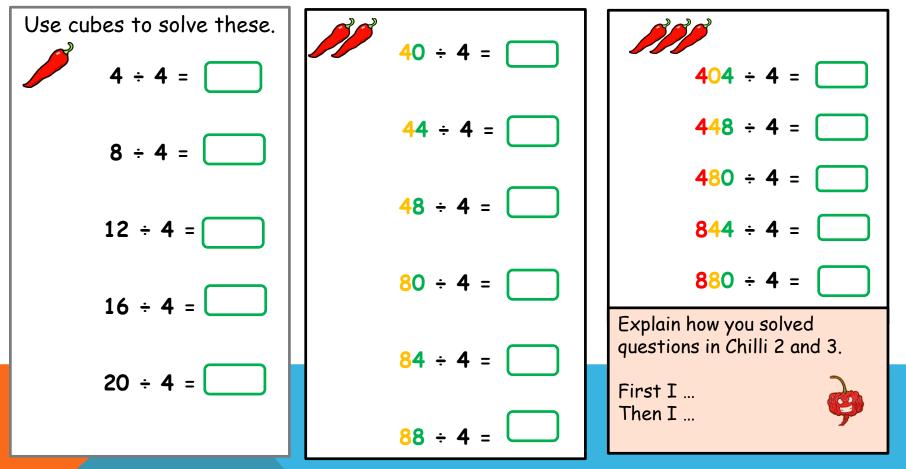
Use the place value mat and counters to quarter these numbers.





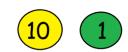
Split your place value mat into 4 groups first.





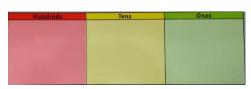
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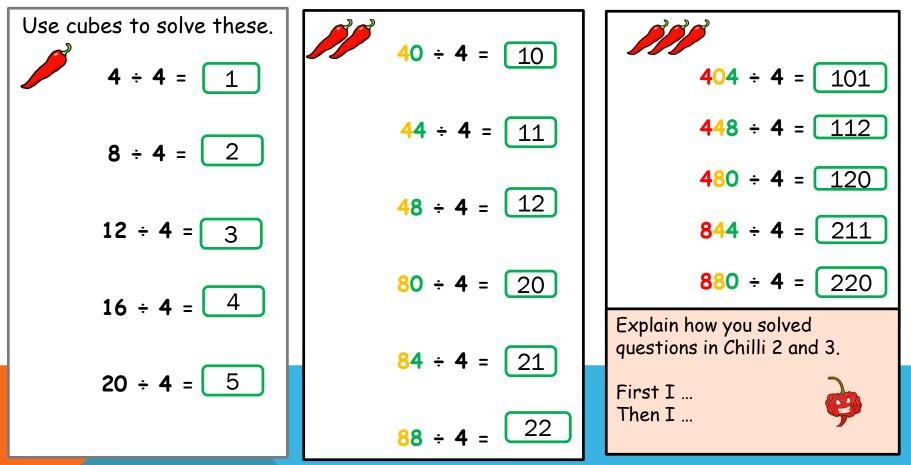
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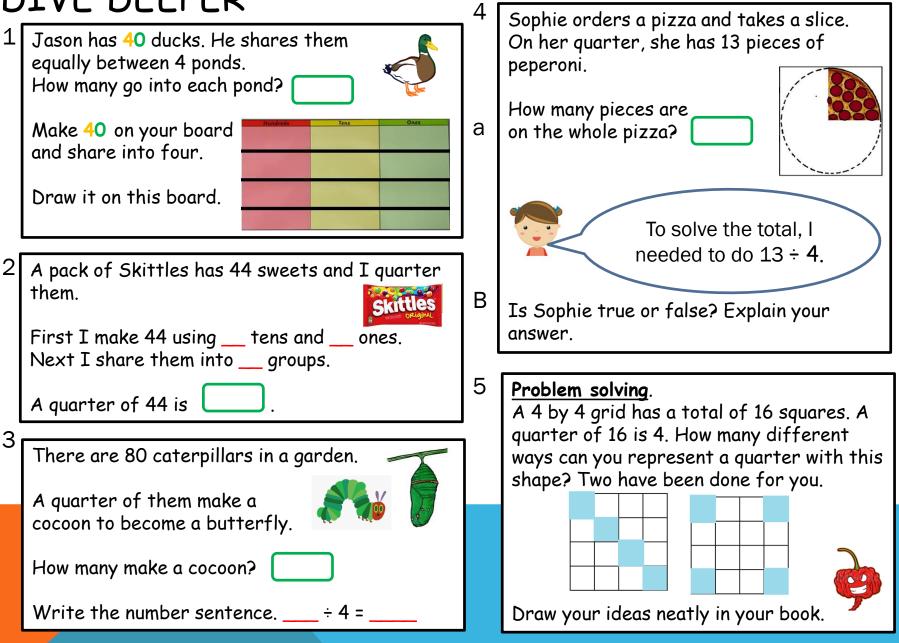


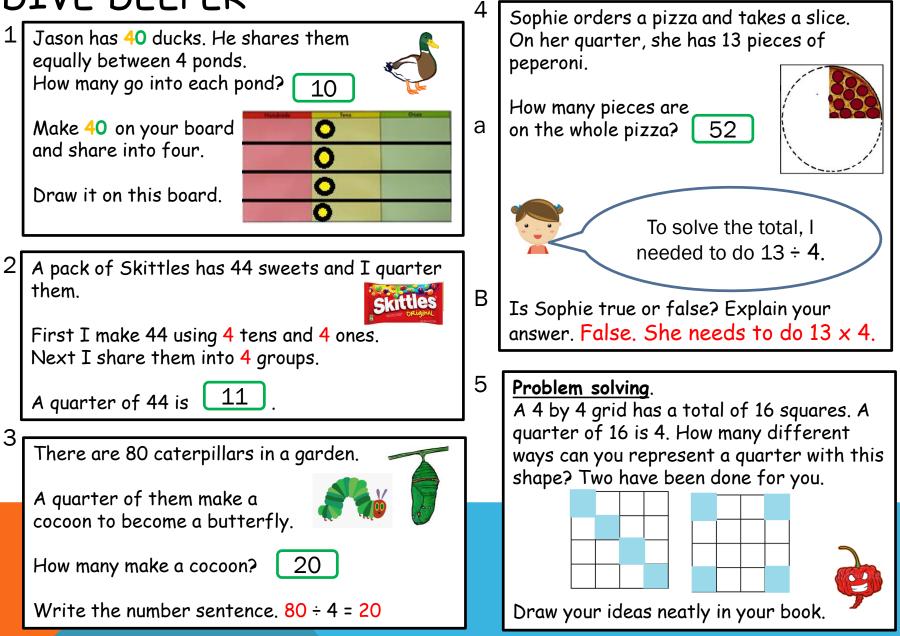


Split your place value mat into 4 groups first.









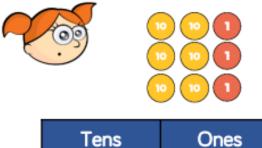
1 Compare the statements using <, > or =

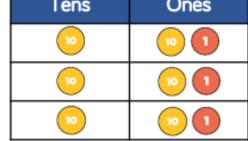
$$48 \div 4 \bigcirc 36 \div 3$$

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

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

2 Alex uses place value counters to help her calculate 63 ÷ 3





She gets an answer of 12 Is she correct?



Mr Price is going back home to Wales to see his family. His journey is 260 miles. He stops to get a drink at the quarter point in his journey. How far has he driven? How many miles has he got left to drive?

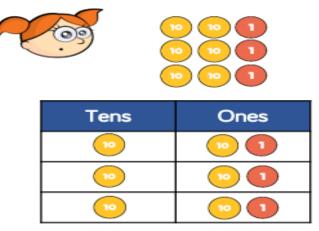
1 Compare the statements using <, > or =

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

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

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

2 Alex uses place value counters to help her calculate 63 ÷ 3



She gets an answer of 12 Is she correct?

Alex is incorrect as she has placed some of her tens in the wrong column. The answer should be 21.



Mr Price is going back home to Wales to see his family. His journey is 260 miles. He stops to get a drink at the quarter point in his journey. How far has he driven? How many miles has he got left to drive? A half of 260 is 130. A half of 130 is 65.

Mr Price stops after 65 miles. He has 195 miles left to drive.