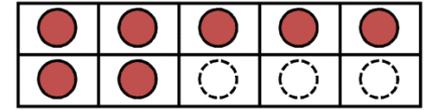
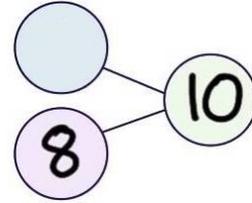
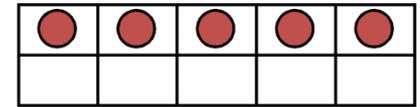
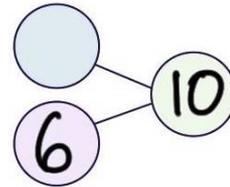
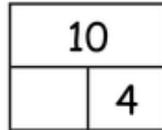
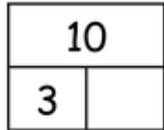
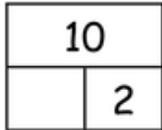
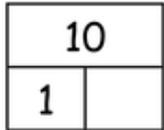


RECALL – NUMBER BONDS TO 10

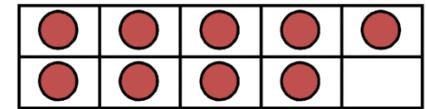
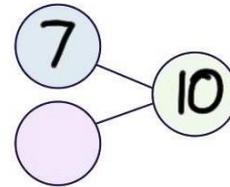
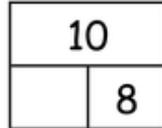
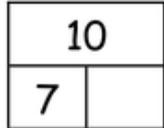
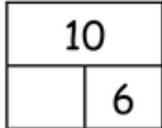
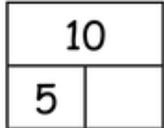
Let's make number bonds of 10.



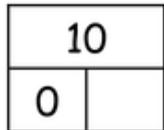
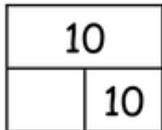
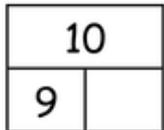
$$7 + \underline{\quad} = 10$$



$$5 + \underline{\quad} = 10$$



$$9 + \underline{\quad} = 10$$



$$1 + \underline{\quad}$$



$$\underline{\quad} + 8$$



$$\underline{\quad} + 7$$



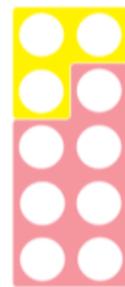
$$4 + \underline{\quad}$$



$$\underline{\quad} + 5$$



$$6 + \underline{\quad}$$



$$\underline{\quad} + 3$$



$$\underline{\quad} + 2$$



$$9 + \underline{\quad}$$



$$\underline{\quad} + 10$$

LO: I CAN USE TENTHS IN FRACTIONS.

Page

Success Criteria

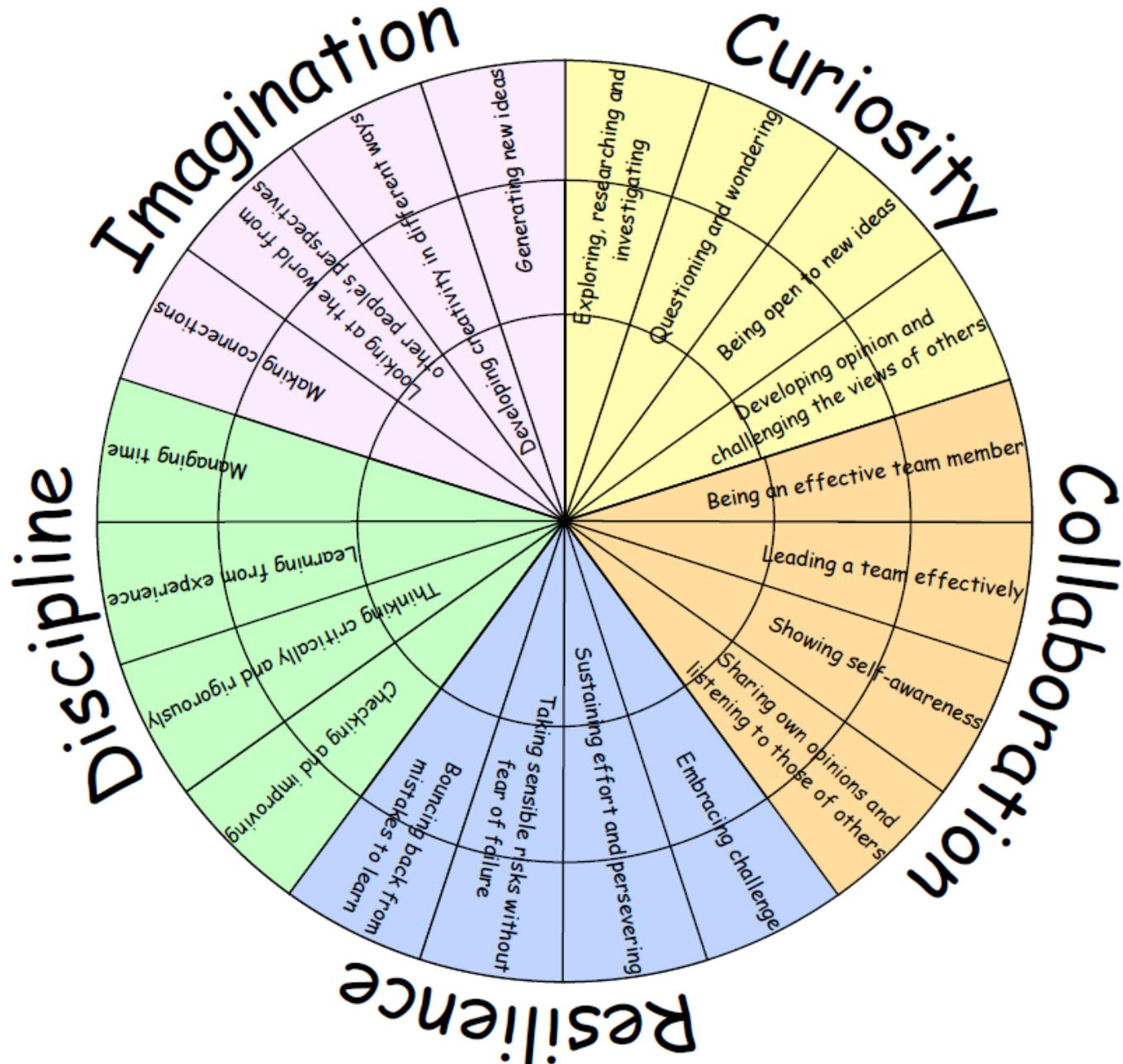
Some will even apply understanding to a variety of problems.

Some will use numerators to add various tenths.

Most will add in tenths.

All will recognise tenths.

LEARNING HABITS?



GUIDED PRACTICE



This jigsaw puzzle has ten pieces which are equal in size/shape.

The whole puzzle has ten pieces.

What fraction is one piece?

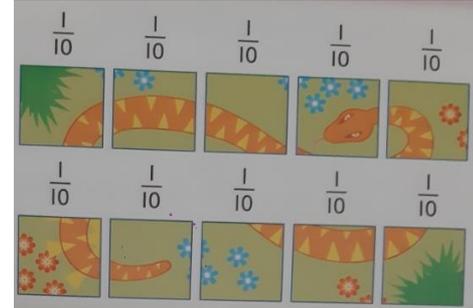
Leah removed 2 piece of the jigsaw.

What fraction does she remove?

Sarah completed half of the puzzle.

What fraction did she complete?

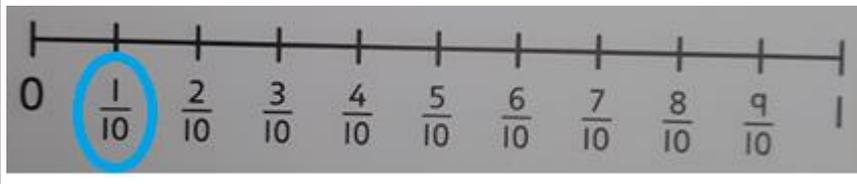
The jigsaw is split into ten equal parts so the denominator is 10.



One jigsaw piece is 1 part of the whole jigsaw. The numerator is 1.

One piece is $\frac{1}{10}$ of the whole.

This is the same as **one tenth**.



Leah removed two of the ten pieces.

$$\frac{1}{10} + \frac{1}{10} = \frac{2}{10} \text{ (two-tenths).}$$

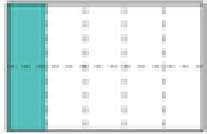


Sarah completed half the puzzle. Half of 10 is 5 pieces.

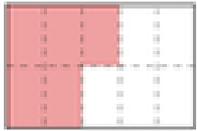
$$\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} = \frac{5}{10} \text{ (five-tenths)}$$

INTELLIGENT PRACTICE

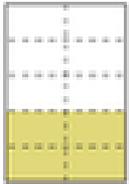
These rectangles have 10 equal pieces. What fraction has been coloured? 



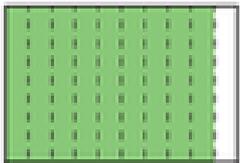
$\frac{\quad}{10}$



$\frac{\quad}{10}$



$\frac{\quad}{10}$

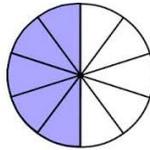


$\frac{\quad}{10}$

These circles have 10 equal pieces. What fraction has been coloured? 



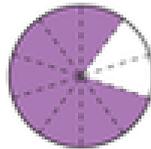
$\frac{\quad}{10}$



$\frac{\quad}{10}$



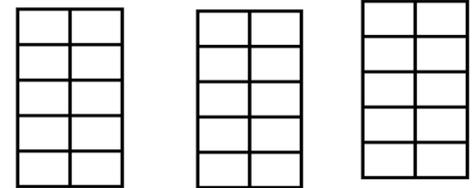
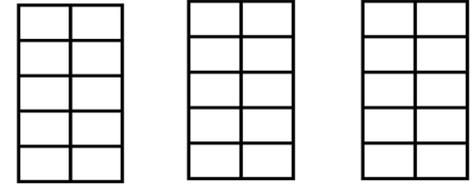
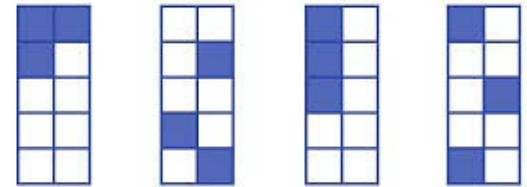
$\frac{\quad}{10}$



$\frac{\quad}{10}$

How many different ways can you colour three tenths. 

$\frac{3}{10}$



Write seven tenths as a fraction. Explain what it means using the words numerator and denominator. 

3 BEFORE ME



A tenth is 1 in 10 pieces.

DIVE DEEPER 1

1 Here are ten balloons.
The denominator is 10.

Two balloons pop.
How many pop? $\frac{\quad}{10}$



2 When bowling, there are 10 pins that you need to try and knock down.

I rolled a bowling ball and knocked down 4 pins.
Write this as a fraction. $\frac{\quad}{10}$



3 There are 10 strawberries in a punnet.
I eat 6 of them.

I ate $\frac{\quad}{10}$ strawberries.

There are $\frac{\quad}{10}$ left in the punnet.



4 Finish the sentence.
A tenth means $\frac{\quad}{10}$ equal parts.

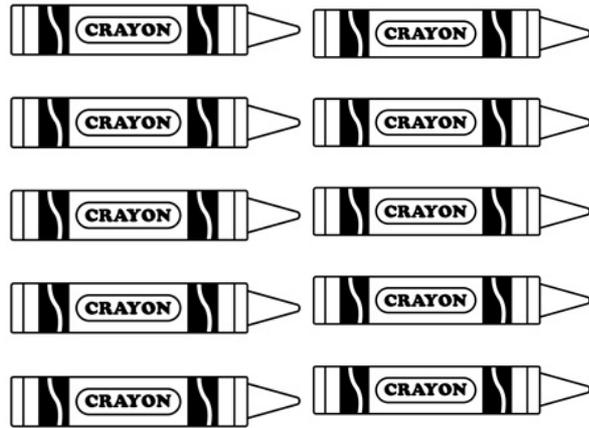
5 Here are ten crayons.

Colour $\frac{1}{10}$ red.

Colour $\frac{2}{10}$ blue.

Colour $\frac{3}{10}$ green.

Colour $\frac{4}{10}$ orange.



6 There are ten sausages sizzling in a pan.
One went POP and the another went BANG.

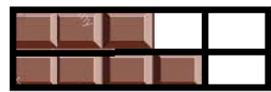
What fraction of the sausages went POP? $\frac{\quad}{10}$

What fraction went BANG? $\frac{\quad}{10}$



7 I had a chocolate bar with ten equal squares but I ate some of the pieces.

What fraction did I eat?



8 Here are some cupcakes.

What fraction are chocolate?

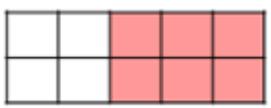
What fraction are strawberry?



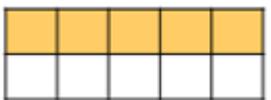
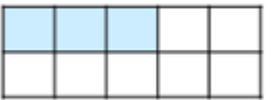
DIVE DEEPER 2

1

1 Whole = $\frac{4}{10} + \frac{6}{10}$



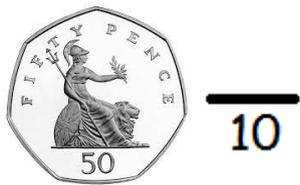
Write the number sentences for each image.



2

In a £1 coin, there are ten 10p coins.

One ten pence is worth one tenth.
What are these coins worth?



3

Explain the mistake in this calculation.
Use the words **numerator** and **Denominator**.

$$\frac{3}{10} + \frac{5}{10} = \frac{8}{20}$$

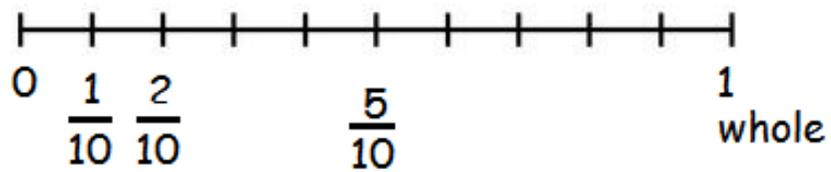
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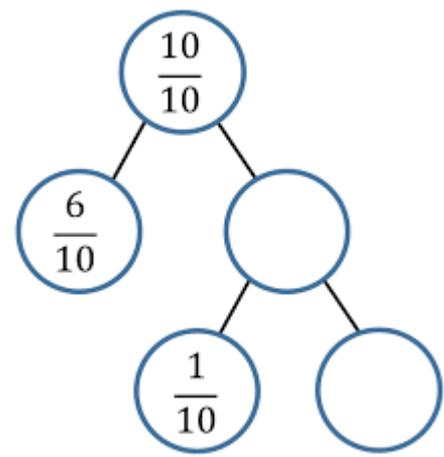
4

Complete the number line.



5

Complete the whole-part model.



Create your own version of Q5 which starts with 10/10 (ten tenths).

