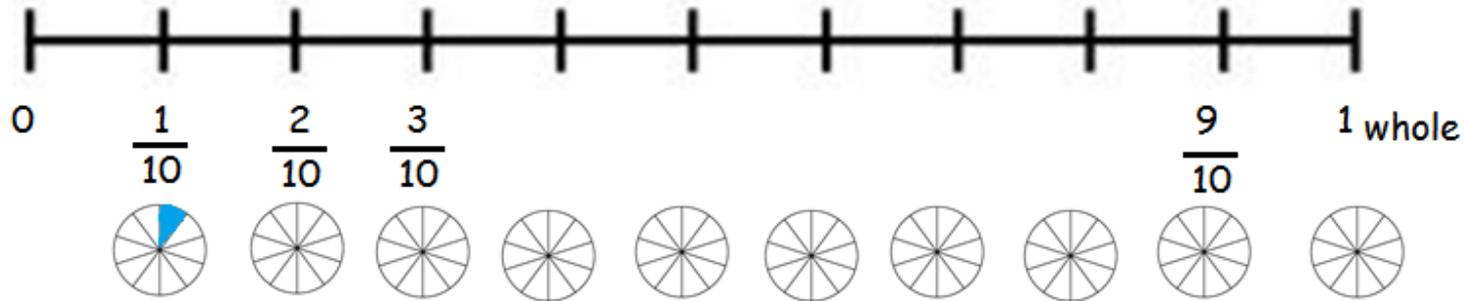
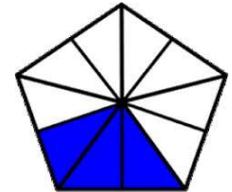
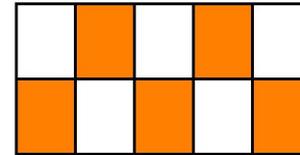
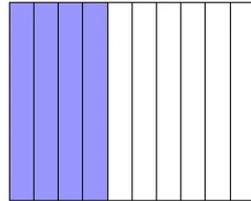
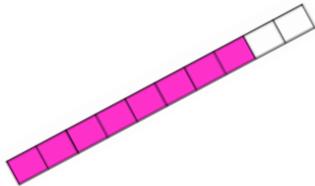


# RECALL – COUNTING IN TENTHS

Finish counting in tenths on this number line. Write the fraction and colour the circles.



The denominator is ten. What tenths do these shapes show? Write the fraction for each.



What tenths can you find in these pictures?



Create your own representations of tenths.  
Draw it and write the fraction.



# LO: I CAN FIND TENTHS IN MORE THAN ONE WHOLE.

Page

## Success Criteria

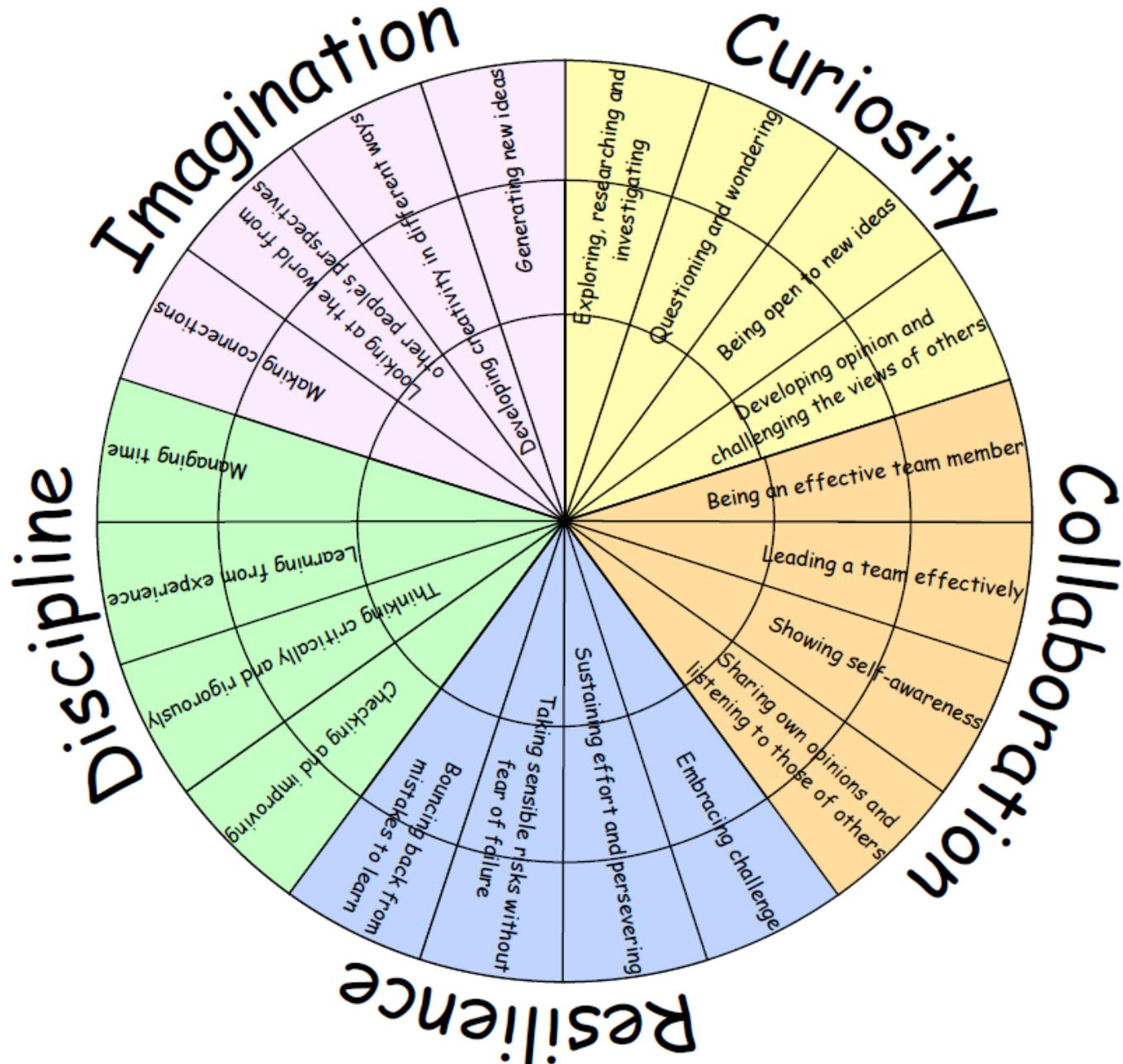
**Some will even** apply understanding to a variety of problems.

**Some will** use numerators to add various tenths.

**Most will** add in tenths.

**All will** split objects into tenths.

# LEARNING HABITS?



# GUIDED PRACTICE

Kirsty needs to share the food equally between the ten bowls. She has:

- 2 watermelons,
- 2 chocolate cakes,
- 3 oranges
- 4 apples.



How much apple will each person get?

How much watermelon will each person get?

There 4 apples and 10 people so there is not enough for everyone to have an apple each. I need to split each apple into 10 equal pieces.



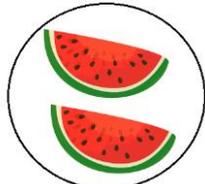
Each piece is  $\frac{1}{10}$  of an apple.

4 apples  $\times$  10 slices is 40 slices. If I share the 40 slices between the 10 bowls equally, there are 4 slices per bowl.  $40 \div 10 = 4$ .


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

Each person gets **four tenths** of an apple.

If each melon is also cut into 10 pieces, there will be 20 pieces altogether. Shared between 10 bowls, that's 2 slices each.

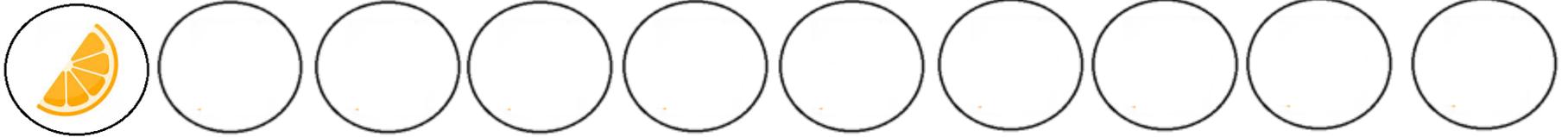

$$\frac{1}{10} + \frac{1}{10} = \frac{2}{10}$$

Each person gets **two tenths** of a watermelon.

# INTELLIGENT PRACTICE

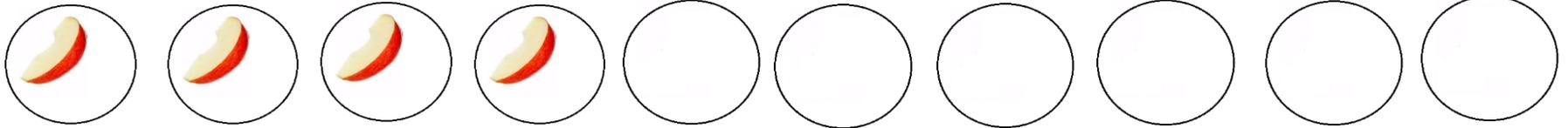


I have 1 orange to share between 10 plates. I cut it into ten pieces. Share the 10 segments equally between the 10 plates. **Everyone gets ONE TENTH.**



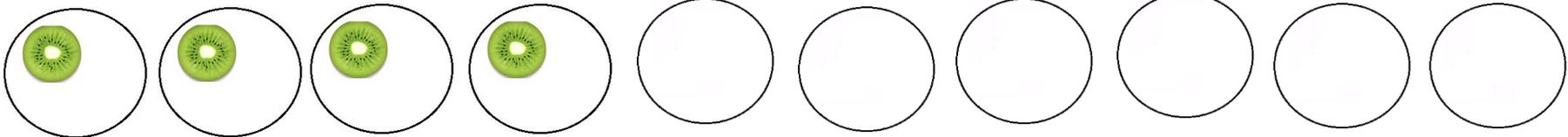
I have 2 apples to share between 10 plates. I cut them both into ten pieces, making a total of 20 pieces. Finish sharing them equally between the 10 plates.

**Everyone gets \_\_ tenths.**



I have 3 kiwis to share between 10 plates. I cut them each into ten pieces, making a total of 30 pieces. Finish sharing them equally between the 10 plates.

**Everyone gets \_\_ tenths.**



3 BEFORE ME



A tenth is 1 in 10 pieces.

Would you rather have one tenth of 50 or four tenths of 100? Work it out and explain.



# DIVE DEEPER 1

1

A packet of skittles has 10 sweets.  
I share them equally between 10 children.  
Draw the skittles



How many sweets is one tenth of the packet?

2

A packets of Starbursts has 20 sweets.  
I share them equally between 10 children.  
Draw the Starbursts beneath each child.

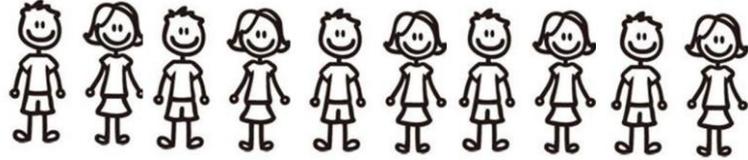


How many sweets is a tenth of the packet?

3

A packet of HARIBO contain 40 sweets.

I share them equally between 10 children.  
Draw the sweets beneath each child.



How many sweets is a tenth of the packet?

4

10 biscuits shared by 10 children = 1 each (1 tenth)

20 biscuits shared by 10 children = 2 each (1 tenth)

30 biscuits shared by 10 children = 3 each (1 tenth)

40 biscuits shared by 10 children = \_\_\_\_\_ (1 tenth)

50 ÷ 10 children = \_\_\_\_\_ (1 tenth)

60 ÷ 10 children = \_\_\_\_\_ (1 tenth)

70 ÷ 10 children = \_\_\_\_\_ (1 tenth)

80 ÷ 10 children = \_\_\_\_\_ (1 tenth)

# DIVE DEEPER 2

1 This bag contains 30 grapes.  
 1 whole = 30 grapes.  
 One tenth is  $30 \div 10 = 3$  grapes.



How many grapes for:

$\frac{2}{10}$       $\frac{3}{10}$       $\frac{4}{10}$

2 Complete the calculations.

1 whole

--	--	--	--	--	--	--	--	--	--

$1 \text{ whole} \div 10 = \text{one tenth.}$

1 whole

--	--	--	--	--	--	--	--	--	--

1 whole

--	--	--	--	--	--	--	--	--	--

$2 \text{ wholes} \div 10 = \underline{\hspace{2cm}}$

1 whole

--	--	--	--	--	--	--	--	--	--

1 whole

--	--	--	--	--	--	--	--	--	--

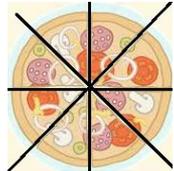
1 whole

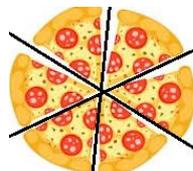
--	--	--	--	--	--	--	--	--	--

$3 \text{ wholes} \div 10 = \underline{\hspace{2cm}}$

3 There are 10 children at a party. There are 5 pizzas. Each child gets one tenth of each pizza.

How should the pizzas be cut? Tick one.






Explain why you would cut the pizza this way.

.....

.....

.....

What fraction of each pizza does each child eat?

4 If ten people get six tenths of a pineapple each, how many pineapples was there to begin with? Prove it. Explain.



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