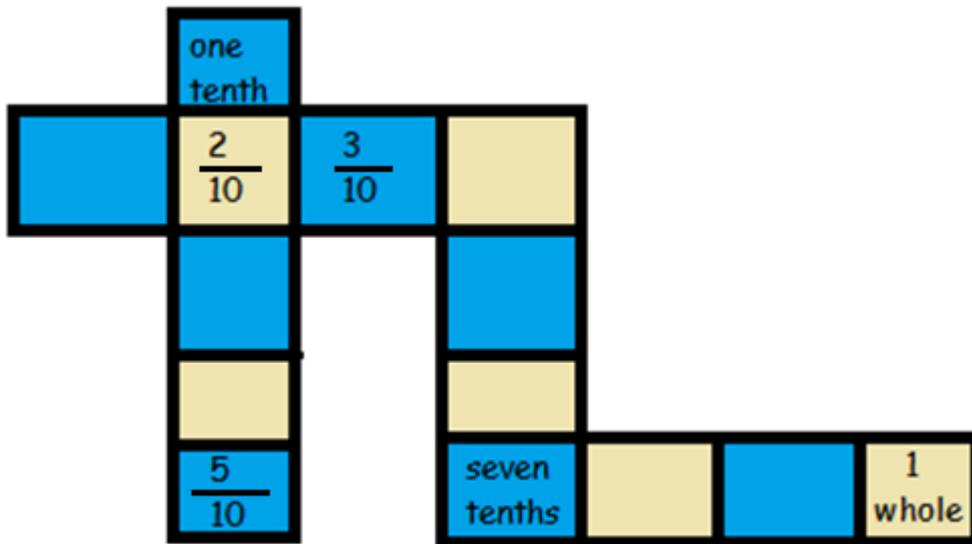


# RECALL – COUNTING IN TENTHS

Share your whole into 10 tenths on this bar model.



Complete the game board by counting in tenths. Six have been given to you - use them as clues.



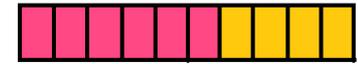
Write the number sentences.



$$\frac{1}{10} + \frac{\quad}{10} = 1 \text{ whole}$$



$$\frac{3}{10} + \frac{\quad}{10} = 1 \text{ whole}$$



$$\frac{\quad}{10} + \frac{\quad}{10} = 1 \text{ whole}$$



$$\frac{\quad}{10} + \frac{\quad}{10} = 1 \text{ whole}$$

3 BEFORE ME



A tenth is 1 in 10 pieces.

Count in tenths from 1 whole.  
How high can you go?



# LO: I CAN IDENTIFY TENTHS ON A NUMBER LINE.

Page

## Success Criteria

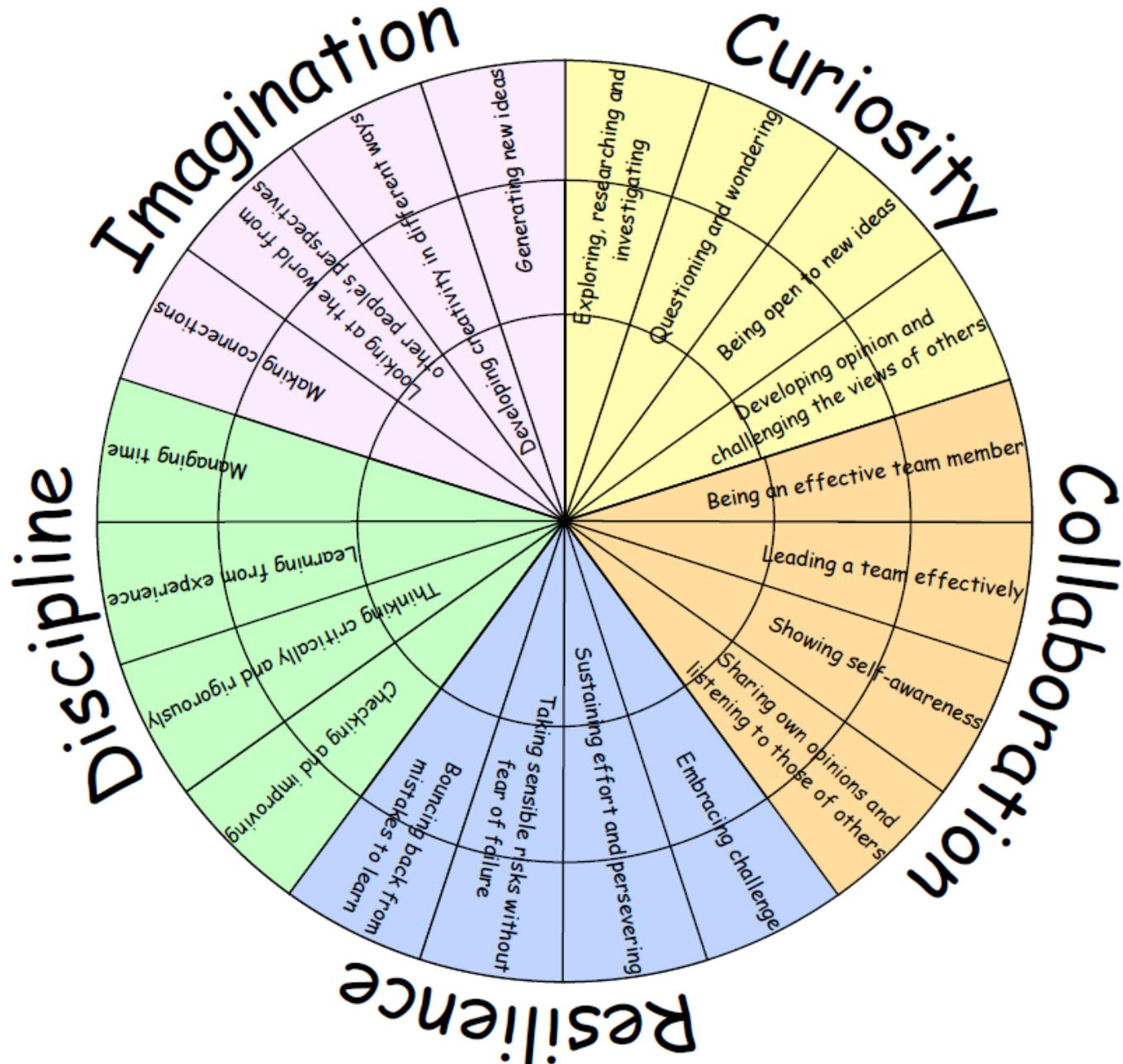
**Some will even** apply understanding to a variety of problems.

**Some will** identify tenths (more than 1 whole).

**Most will** identify tenths on a number line (up to 1 whole).

**All will** split objects into ten equal groups.

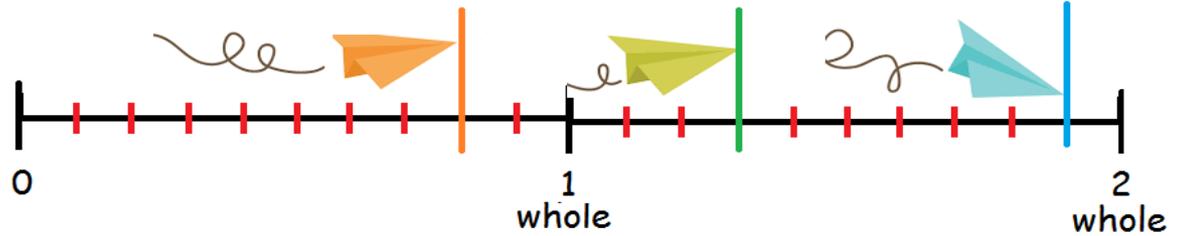
# LEARNING HABITS?



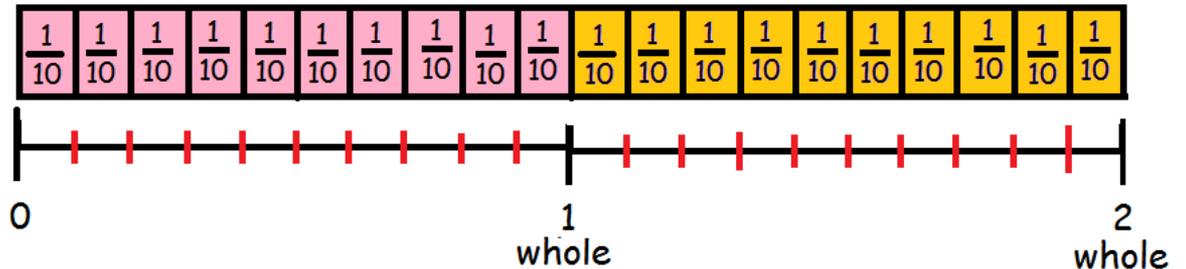
# GUIDED PRACTICE

This number line measures from 0 to 2 wholes.  
It is measuring in metres.

How far does each paper aeroplane fly?



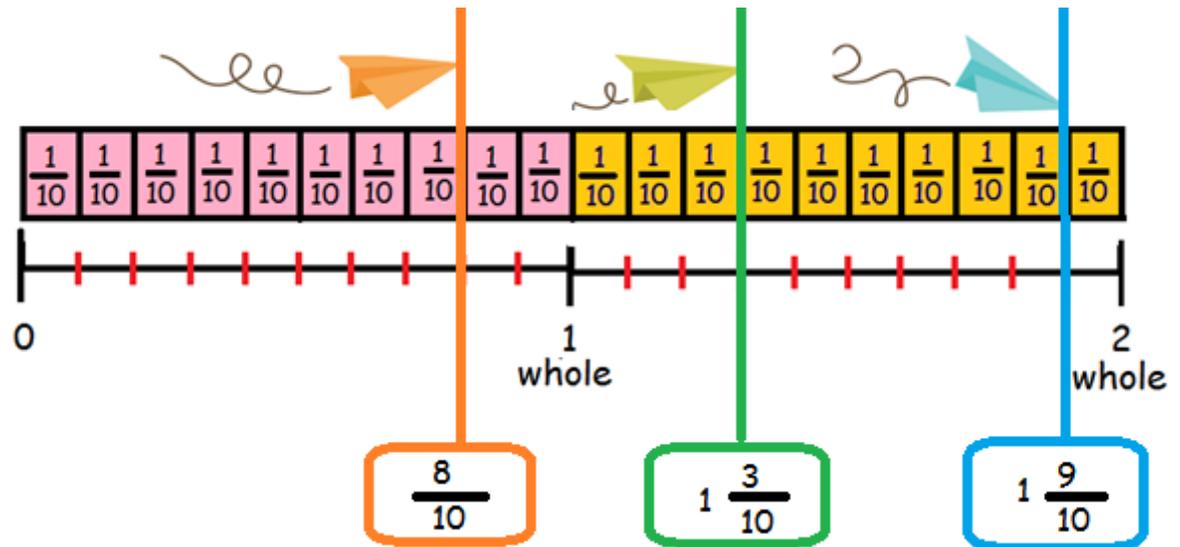
Between 0 and 1 whole, it has been split into 10 equal parts.  
Between 1 whole and 2 wholes, it has been split into another 10 equal parts.  
Each increment goes up by one tenth.



The orange paper aeroplane hasn't passed 1 whole yet. When you count from 0, it has passed 8 tenths of a metre.

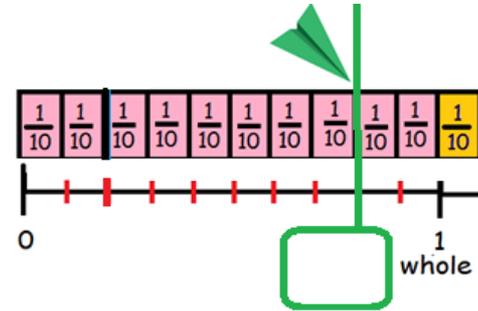
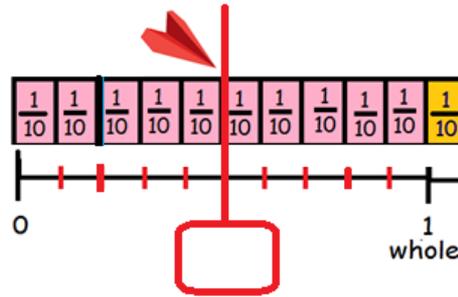
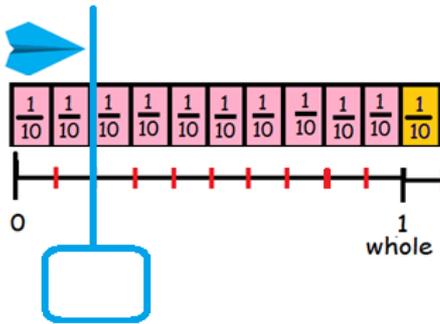
The green paper aeroplane has passed 1 whole. When you count on from 1, it has passed 3 more tenths. It has flown 1 metre and 3 tenths.

The blue paper aeroplane has passed 1 whole. When you count on from 1, it has passed 9 more tenths. It has flown 1 metre and 9 tenths.

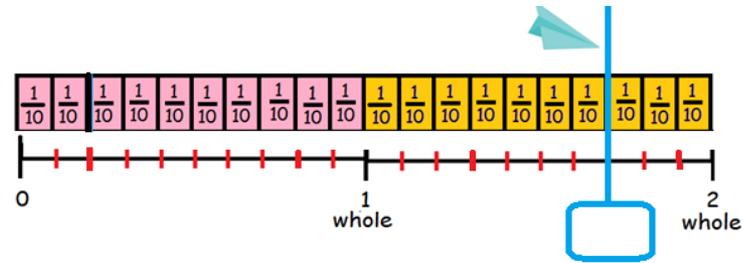
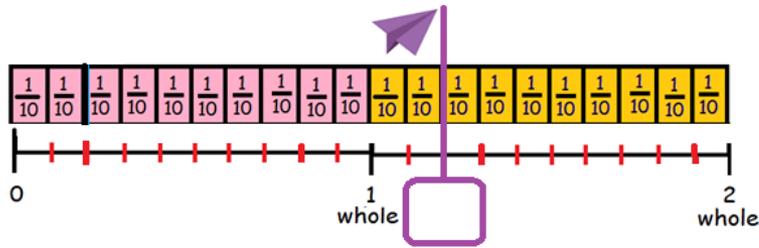


# INTELLIGENT PRACTICE

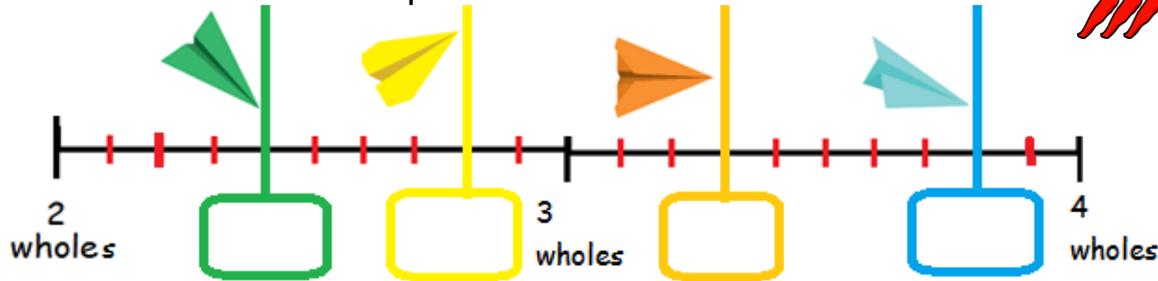
How far did these planes travel?



These aeroplanes flew past 1 metre (1 whole). How far did they travel?



How far have these aeroplanes flew?



Explain how you solved chilli 3 for the yellow, orange and blue plane.

***The green plane***

*First, I looked at the wholes. It passed 2 wholes but not 3 wholes. Between 2 and 3 wholes, the number line has been split into 10 equal parts so I counted on in tenths. It reached the fourth increment, which means 4 tenths. The answer is \_\_\_\_\_.*



**3 BEFORE ME**

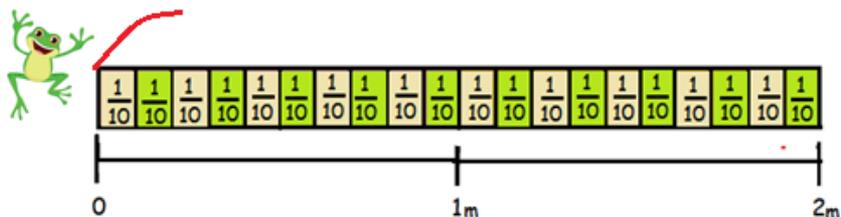


A tenth is 1 in 10 pieces.

# DIVE DEEPER 1 (UP TO 2 WHOLES)

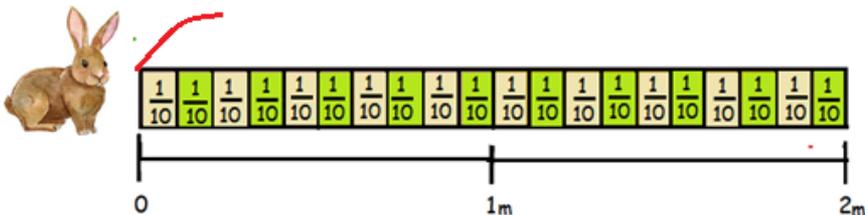
1

A frog hops five tenths. Finish drawing the red line to show the frog's hop. Where does the frog land on the number line?



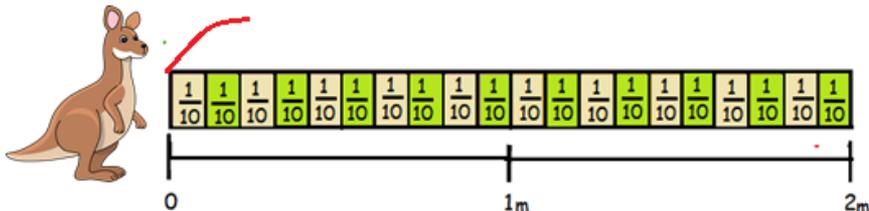
2

A rabbit hops 1 metre and 2 tenths. Finish drawing the red line to show the rabbit's hop. Where does the rabbit land on the number line?



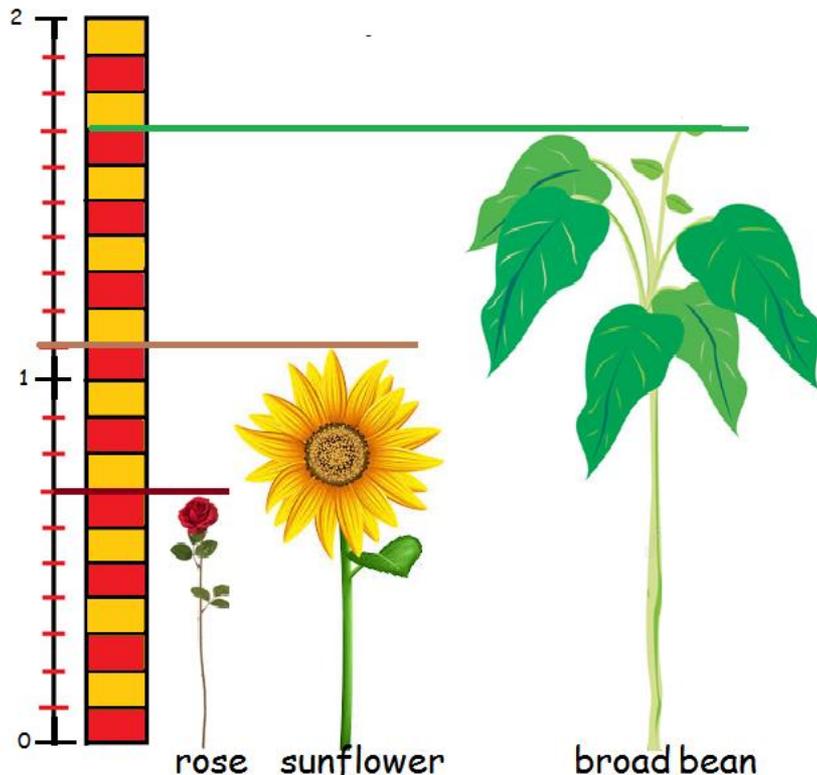
3

The kangaroo hops 1 metre and nine tenths. Finish drawing the red line to show the kangaroo's hop. Where does the kangaroo land on the number line?



4

The number line is measuring height. Between 0m and 1m, it has been split into 10 equal parts - measure in tenths. How tall is each plant?



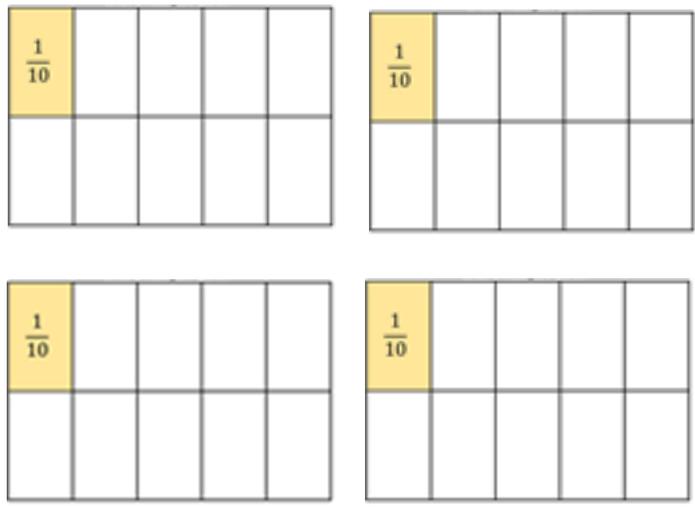
The rose is 4 tenths tall.

The sunflower is 1 metres and 2 tenths tall.

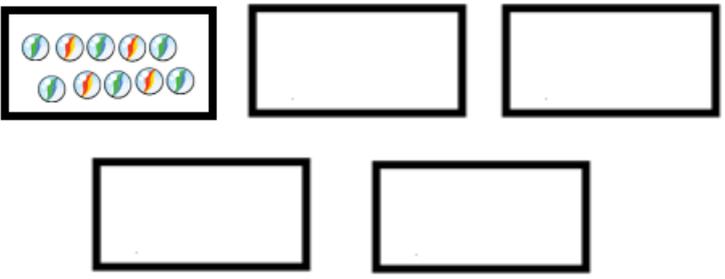
The broad bean is 1 metres and 8 tenths tall.

# DIVE DEEPER 2 (BEYOND 2 WHOLES)

1 Colour in 3 wholes and 4 tenths.



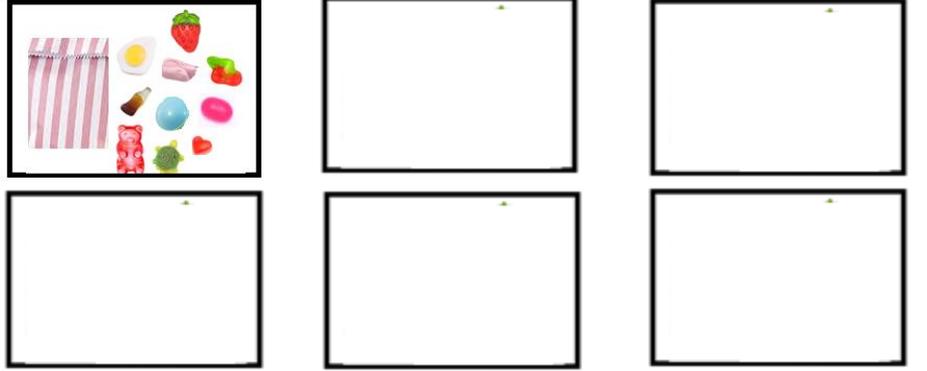
2 A whole bag of marbles has 10 inside. Draw the marbles in the other bags to show 4 wholes and 3 tenths. Each marble shows one tenth. 



3 Each chocolate chip represents 1 tenth. Each whole cookie can have 10 chocolate chips. Draw the chocolate chips on the cookies to show 5 wholes and 1 tenth.



4 Each 10p pick n mix bag contains ten sweets. Draw the sweets to show 5 wholes and 8 tenths.



5 Jason is counting in tenths. Can you spot his mistake?



Seven tenths, eight tenths, nine tenths, ten tenths, one eleventh, two elevenths, three elevenths...

