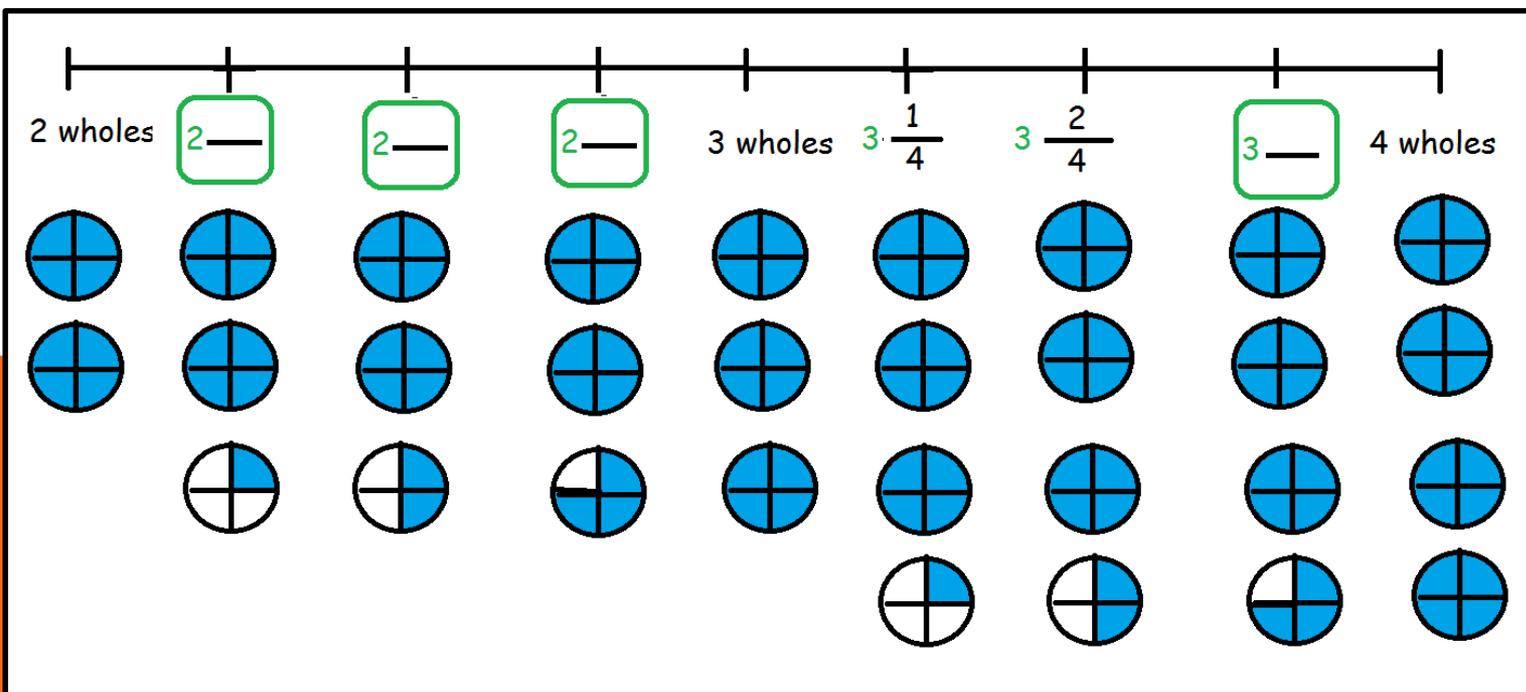
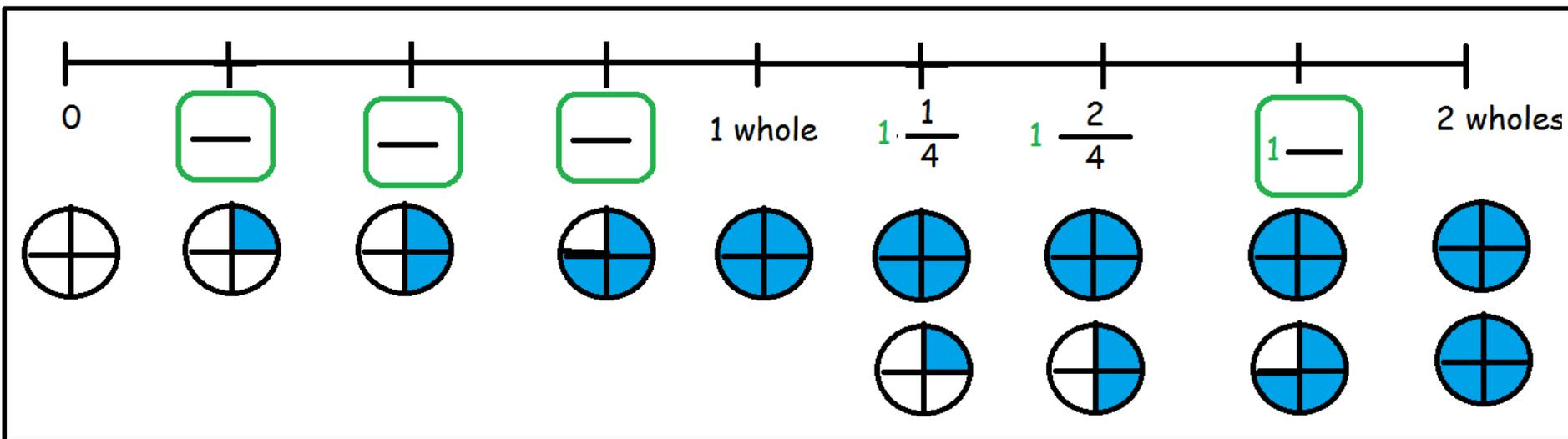


RECALL – ADDING IN QUARTERS

Fill in the missing fractions.



Continue the number line up to 6 wholes. Write the fractions and draw the images.

3 BEFORE ME
A quarter is 1 in 4 equal pieces.



LO: I CAN IDENTIFY QUARTERS BETWEEN DIFFERENT WHOLES.

Page

Success Criteria

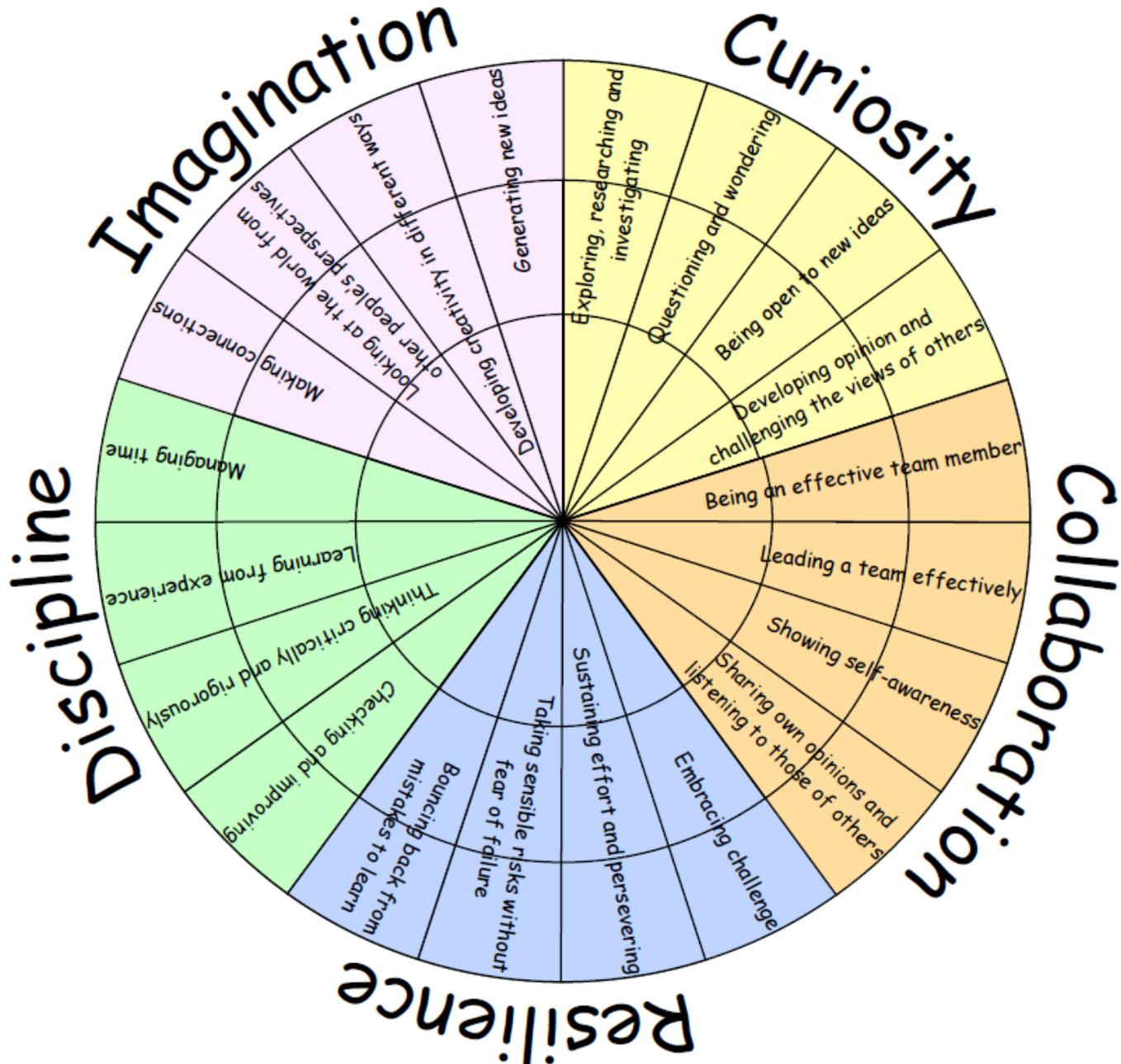
Some will even apply understanding to a variety of problems.

Some will identify quarters (more than 1 whole).

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

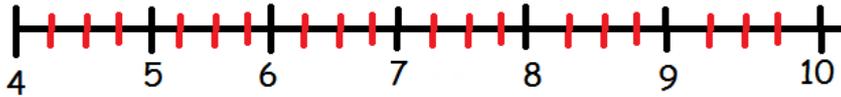
All will split objects into four equal groups.

LEARNING HABITS?



GUIDED PRACTICE

Here is a number line that shows children's ages. It starts at 4 years old and finishes at 10 years old. It increases in increments of a quarter.



I am 5 and one quarter years old.



I am 6 and 3 quarter years old.



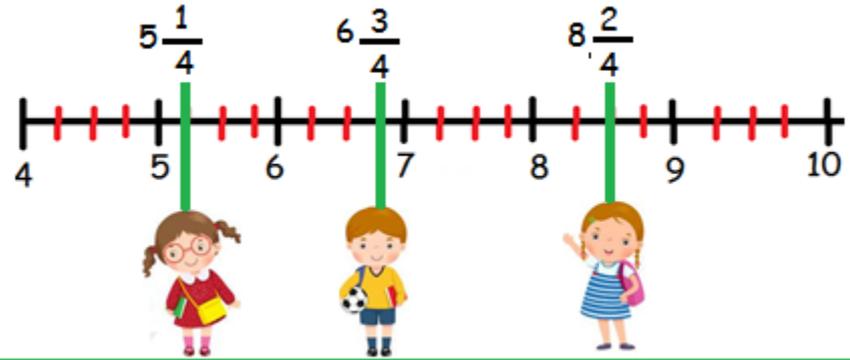
I am 8 and 2 quarter years old.



Plot their ages on the age number line.

Who is the youngest?

Who is the oldest?



First, I find 5 wholes. Then, I count in quarters to the first interval.



First, I find 6 wholes. Then I count in quarters to the third interval, as I need 3 lots of $\frac{1}{4}$.



I find 8 wholes and count in quarters to the second interval, as I need 2 lots of $\frac{1}{4}$.



is the youngest.



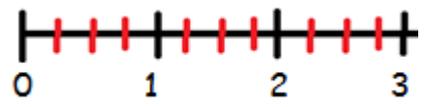
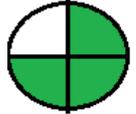
is the oldest.

INTELLIGENT PRACTICE

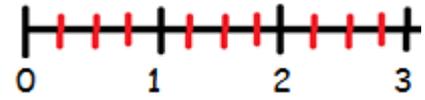
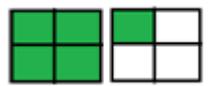
Plot each fraction on the number line.



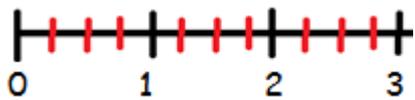
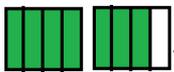
- Three quarters



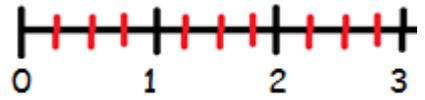
- 1 whole and 1 quarter



- 1 whole and 3 quarters



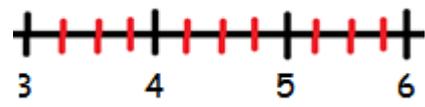
- 2 wholes and 2 quarters



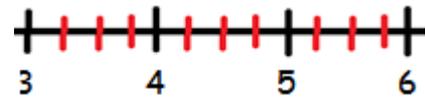
Plot each fraction.



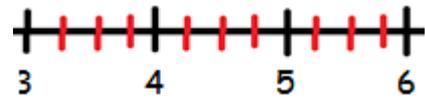
- 3 wholes and 1 quarter



- 4 wholes and 2 quarters



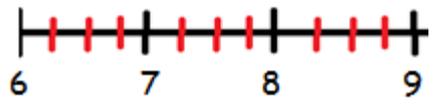
- 5 wholes and 3 quarters.



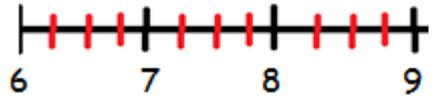
Plot each fraction.



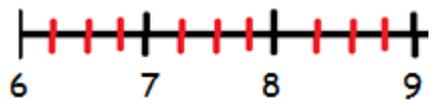
- 6 wholes and 2 quarters



- 7 wholes and 1 quarter



- 8 wholes and 3 quarters.



Would you rather have 2 and $\frac{3}{4}$ **or** 5 and $\frac{1}{4}$?
Who do you agree with? Why?



Alice



I would rather have 2 and $\frac{3}{4}$ as $\frac{3}{4}$ is bigger than $\frac{1}{4}$.

The whole is bigger than the quarters.

Theo



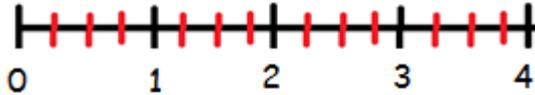
DIVE DEEPER 1

1

Here is a number line that shows ages from 0 years to 4 years. Each interval is a quarter of a year.

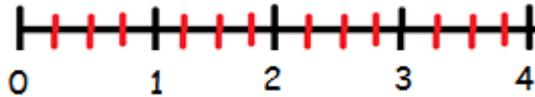


The baby is 3 quarters of a year old.
Where is that on the number line?



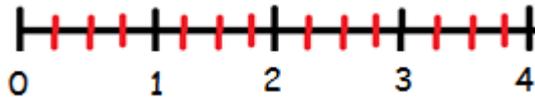
2

The toddler is 1 year and 1 quarter.
Where is that on the number line?



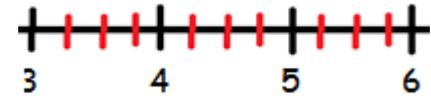
3

The little boy is 3 years and 2 quarters old.
Where is that on the number line?



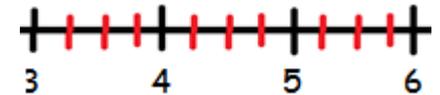
4

The school boy is 5 years and 1 quarter old.
Where is that on the number line?



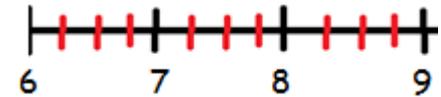
5

The boy learnt to ride his bike at 5 years and 3 quarters old.
Where is that on the number line?



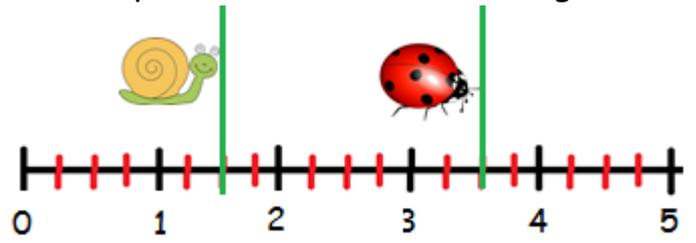
6

The ballerina performs in her first show when she is 8 years and 1 quarter.
Where is that on the number line?



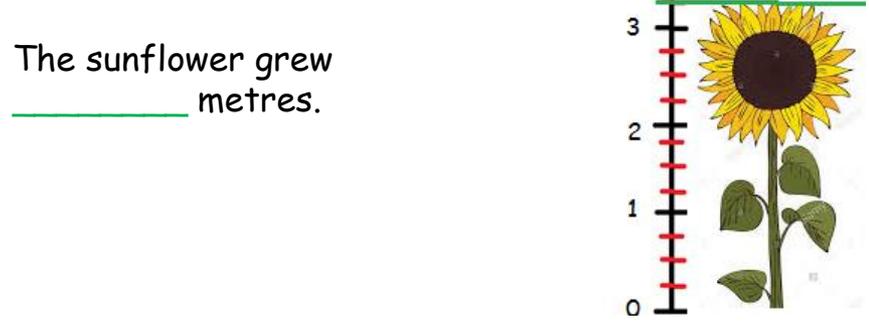
DIVE DEEPER 2

1 This number line measures metres. How far did the snail and ladybird slither/crawl in the garden?



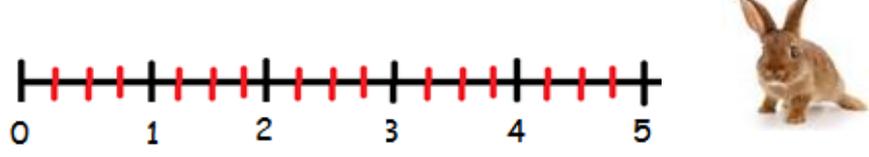
The snail slithered 1.5 metres.
The ladybird slithered 3.5 metres.

2 The number line measures metres. How tall did this sunflower grow?



The sunflower grew 3.25 metres.

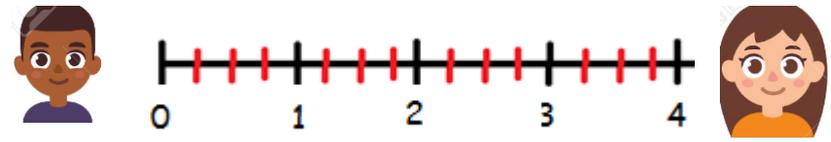
3 A rabbit starts at 0 metres on the number line. It hops 1 metre and 1 quarter. It then hops another 1 metre and 2 quarters. Show these two hops on the number line.



4 A whole pack of apples contains 4. Each single apple is equivalent to a quarter. Finish drawing the apples to show 3 and 2 quarters.



5 Danny and Alice are counting at the same speed. Danny is counting up in quarters from 1. Alice is counting down in quarters from 4. Who reaches 3 wholes first?



6 Draw your own number line that starts at 10 metres and stops at 14 metres. Add the intervals for quarters between each number. Plot the different balls on your number line.

A football rolls 11 metres and 1 quarter. 

A tennis ball rolls 12 metres and 2 quarters. 

A basketball rolls 13 metres and 3 quarters. 