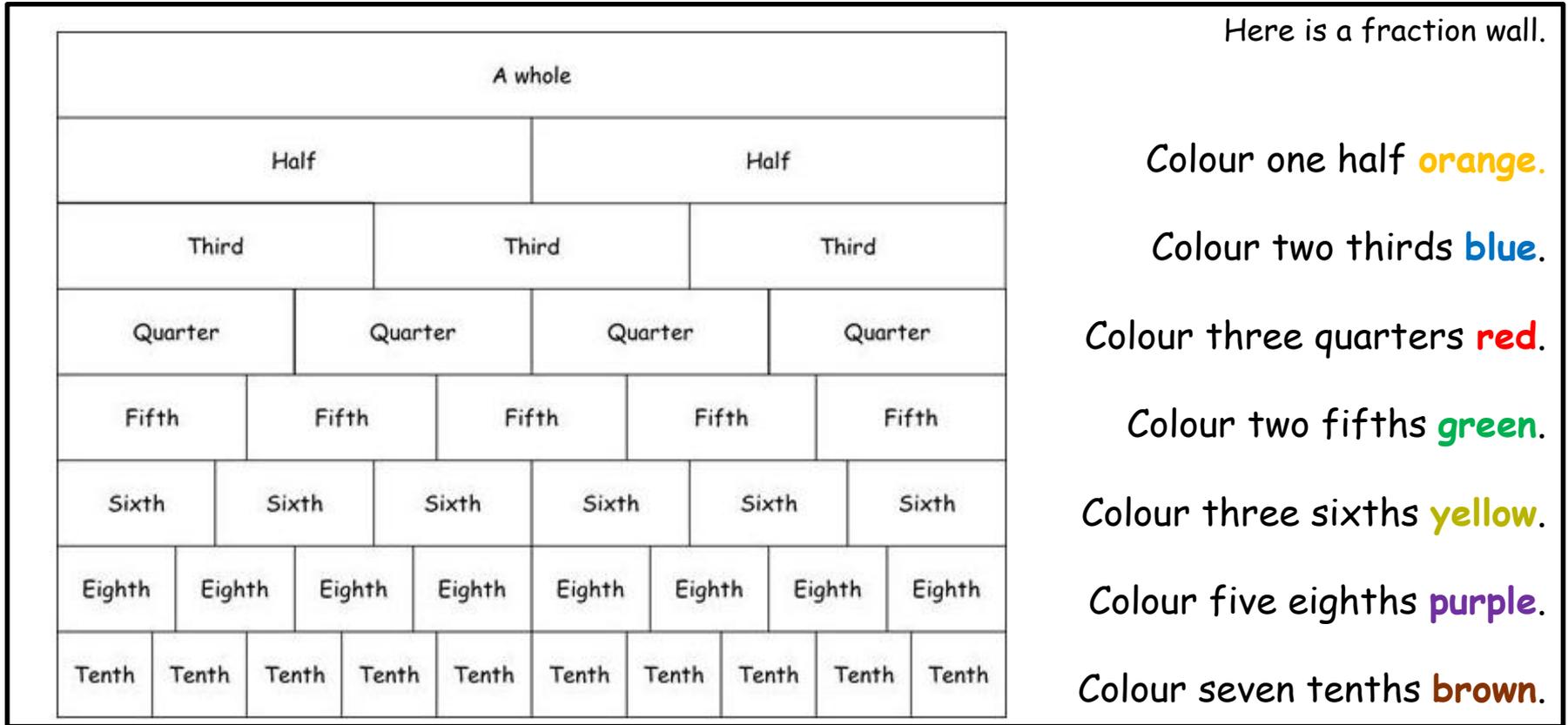


RECALL – FRACTION WALL



Here is a fraction wall.

Colour one half **orange**.

Colour two thirds **blue**.

Colour three quarters **red**.

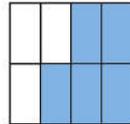
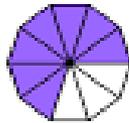
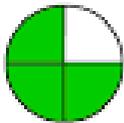
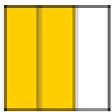
Colour two fifths **green**.

Colour three sixths **yellow**.

Colour five eighths **purple**.

Colour seven tenths **brown**.

These shapes represent the same coloured fractions above. Match each fraction to a shape.



$$\frac{5}{8}$$

$$\frac{7}{10}$$

$$\frac{3}{4}$$

$$\frac{2}{3}$$

3 BEFORE ME



Which pair of fractions on the fraction wall are equivalent?



LO: I CAN COMPARE FRACTIONS.

Page

Success Criteria

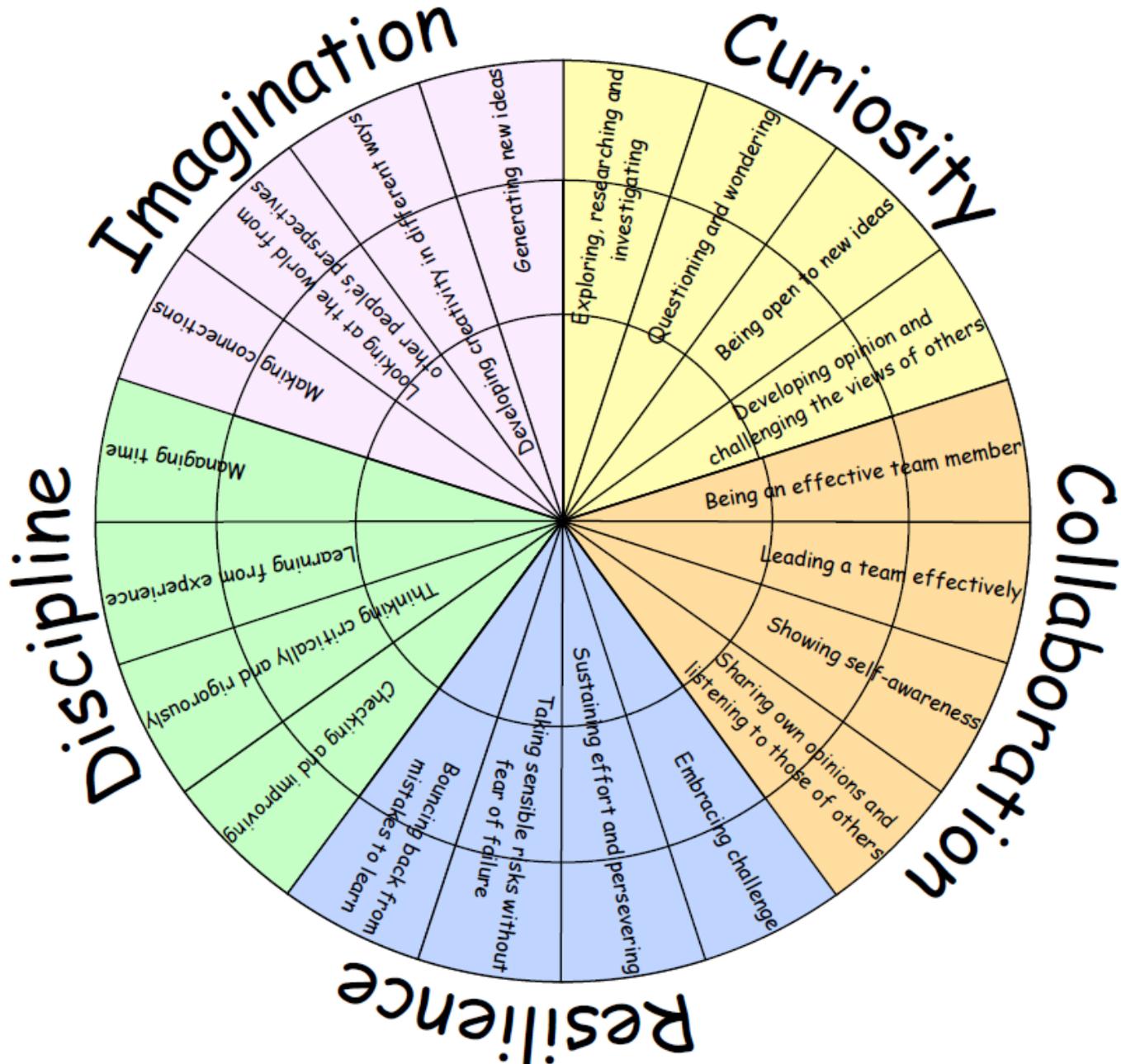
Some will even compare when fractions are shown in different ways.

Some will compare when fractions have different denominators.

Most will compare fractions using the symbols $<$ $>$ $=$ (same denominator)

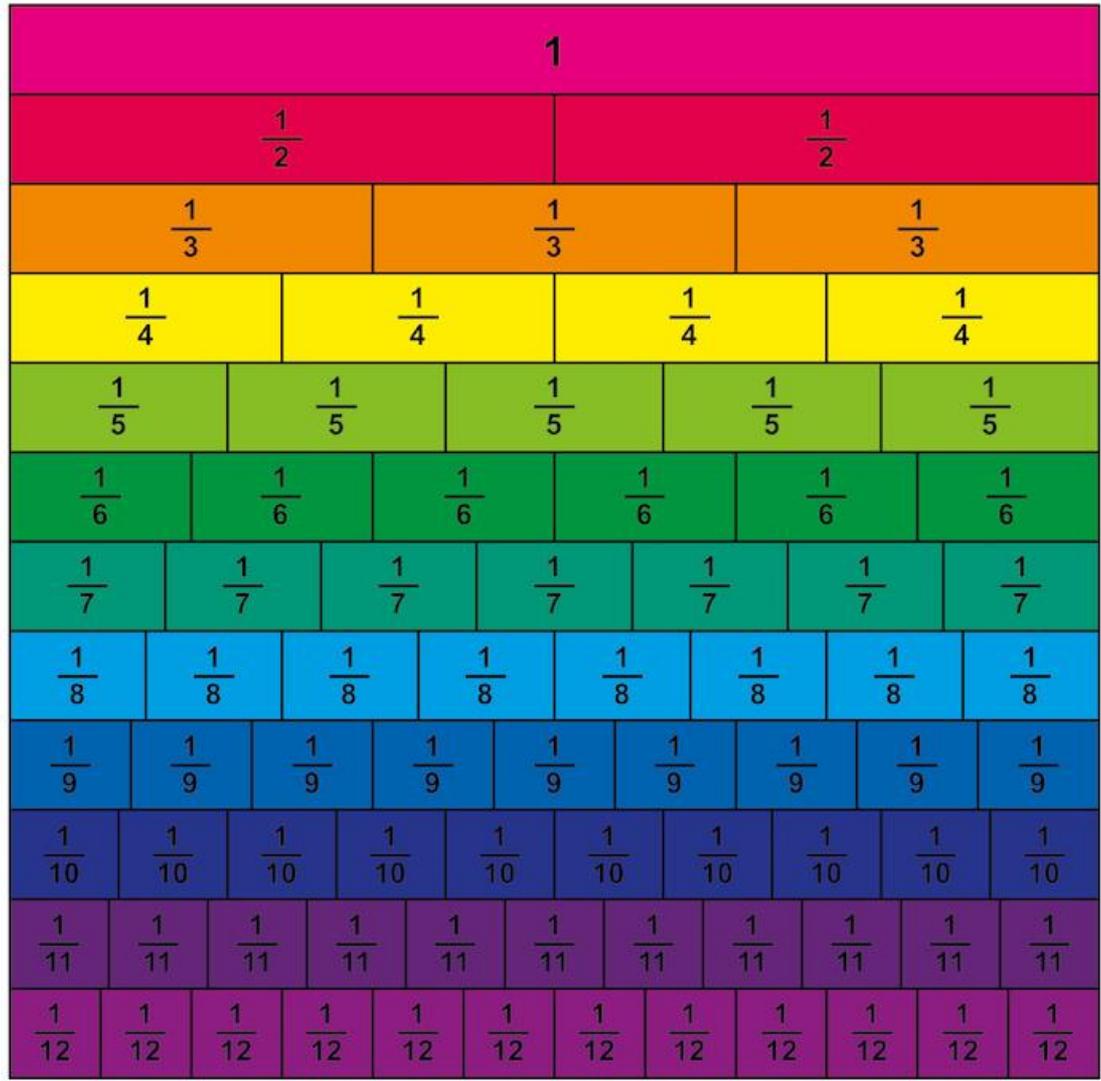
All will find compare fractions (adult support).

LEARNING HABITS?



FRACTION WALL TO SUPPORT LESSON

AS THE DENOMINATOR GETS BIGGER, EACH PART ON THE BAR GETS SMALLER.

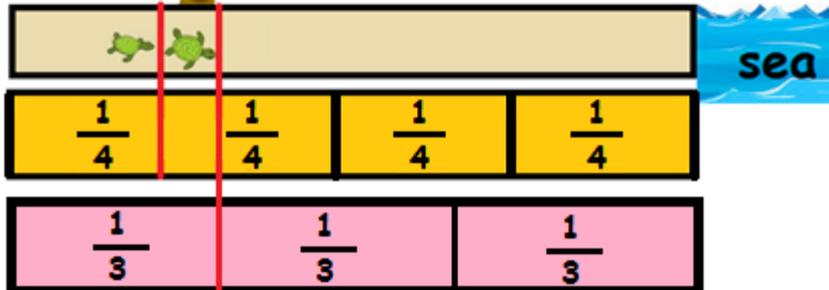


GUIDED PRACTICE

Two turtles are have hatched from their eggs and are crawling towards the sea. One turtle has crawled one quarter of the distance towards the sea. The other one crawled one third of the way.



$$\frac{1}{4} < \frac{1}{3}$$



I can compare the distances using $<$ $>$ symbols.
 One third is further than one quarter.
 One third is *greater than* one quarter.
 One quarter is *less than* one third.

3 BEFORE ME

The symbols $<$ and $>$ always face the largest value.

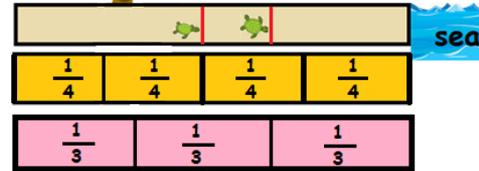


As the denominator gets bigger, each piece on the bar gets smaller. $1/2$ is bigger than $1/10$.

After an hour, the turtles crawl a little further towards the sea but do not reach the sea.
 The fastest turtle earlier has now reached 2 thirds.

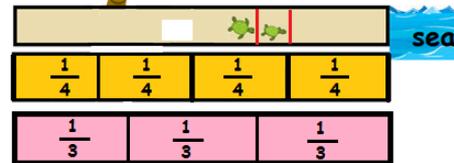
How far could the other turtle have travelled?
Write comparison statements using $<$ $>$.

Two thirds is *greater than* two quarters.
 Two quarters is *less than* two thirds.



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

Three quarters is *greater than* two thirds.
 Two thirds is *less than* three quarters.

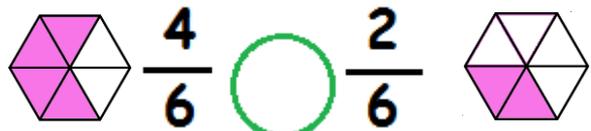


$$\frac{3}{4} > \frac{2}{3}$$

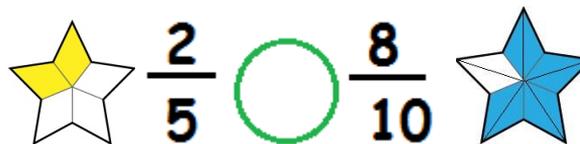
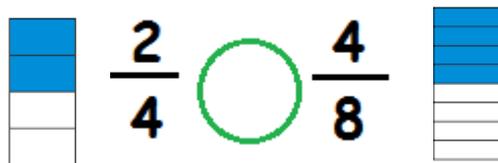
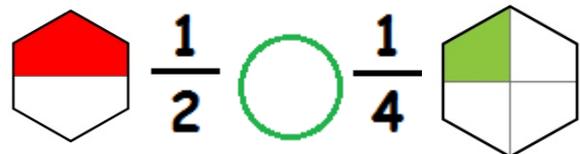
INTELLIGENT PRACTICE

Compare each fraction using $<$ $>$ or $=$

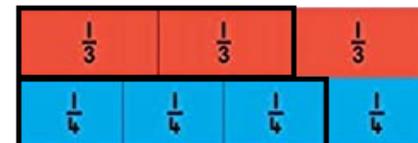
Same denominators.



Different denominators.



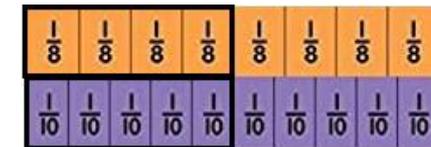
$$\frac{2}{3} \bigcirc \frac{3}{4}$$



$$\frac{1}{5} \bigcirc \frac{1}{6}$$



$$\frac{4}{8} \bigcirc \frac{5}{10}$$



Complete this statement.

When the denominators are the same, the _____ the numerator, the _____ the fraction.



3 BEFORE ME

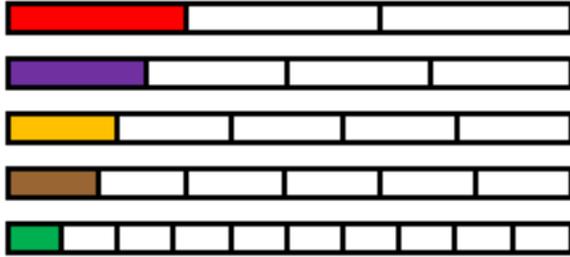
$<$ $>$ face the biggest value.



DIVE DEEPER 1

1

Using the strips below, use $<$ $>$ or $=$ to make these statements true.



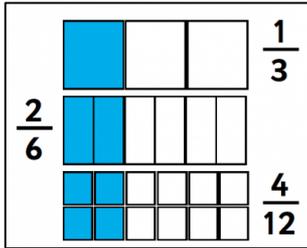
$$\frac{1}{10} \bigcirc \frac{1}{4}$$

$$\frac{1}{3} \bigcirc \frac{1}{6}$$

$$\frac{1}{5} \bigcirc \frac{1}{4}$$

2

Which comparisons are correct?
Tick two.



$$\frac{4}{12} > \frac{2}{6}$$

$$\frac{4}{12} = \frac{2}{6}$$

$$\frac{1}{3} = \frac{4}{12}$$

$$\frac{1}{3} < \frac{4}{12}$$

3

Write and compare the fractions for these shapes.

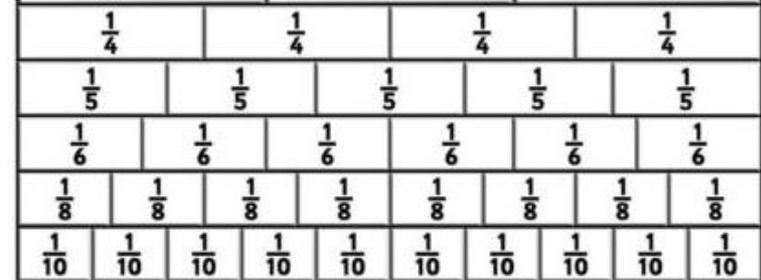


4

Shade the bars in the fraction wall to help you compare the fractions.

$$\frac{2}{6} \bigcirc \frac{1}{8}$$

$$\frac{3}{5} \bigcirc \frac{9}{10}$$



5



I know that $\frac{1}{3}$ is larger than $\frac{1}{2}$ because 3 is bigger than 2

Do you agree?
Explain.

.....

.....

.....

6

What fraction could go in the missing box?
How many can you find?

$$\frac{1}{2} > \boxed{} > \frac{1}{10}$$

