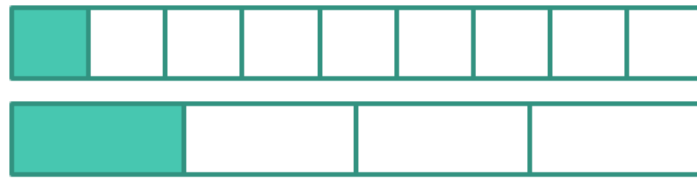


WORKED EXAMPLE



- I have noticed that there are two whole rectangles.
 I have noticed that the wholes are the same size but divided into a different number of equal parts.
 I know that the top whole is divided into 9 equal parts so each part is $\frac{1}{9}$ (one ninth) of the whole.
 I know that the bottom whole is divided into 4 equal parts so each part is $\frac{1}{4}$ (one quarter) of the whole.
 I know that one ninth is **less than** one quarter because the part is smaller. $\frac{1}{9} < \frac{1}{4}$

whole divided equal parts fraction more than less than

REHEARSE



- The top whole is divided into ____ equal parts so each part is ____ (one_____) of the whole.
 The bottom whole is divided into ____ equal parts so each part is ____ (one_____) of the whole.
 One _____ is **less than** one _____ because the part is smaller. $\frac{1}{3} < \frac{1}{5}$

REHEARSE



- The top whole is divided into ____ equal parts so each part is ____ (one_____) of the whole.
 The bottom whole is divided into ____ equal parts so each part is ____ (one_____) of the whole.
 One _____ is **less than** one _____ because the part is smaller. $\frac{1}{6} < \frac{1}{10}$

What do you notice about the number of equal parts and the size of the fraction?

APPLY AND EXPLORE

Think about these rectangles. Which shaded fraction is smallest?



The top whole is divided into ___ equal parts and ___ are shaded. The shaded fraction is $\frac{\quad}{\quad}$.

The bottom whole is divided into ___ equal parts and ___ are shaded. The shaded fraction is $\frac{\quad}{\quad}$.

$\frac{\quad}{\quad} < \frac{\quad}{\quad}$

APPLY AND EXPLORE



The top whole is divided into ___ equal parts and ___ are shaded. The shaded fraction is $\frac{\quad}{\quad}$.

The bottom whole is divided into ___ equal parts and ___ are shaded. The shaded fraction is $\frac{\quad}{\quad}$.

$\frac{\quad}{\quad} < \frac{\quad}{\quad}$

Notice that in each of these examples, the number of equal parts shaded (the numerator) is the same. Explain how you can easily compare fractions if the numerator is the same.

APPLY AND EXPLORE

Fold a piece of paper into equal parts. Shade one equal part. What fraction is shaded?

Fold the (already folded) paper again so it still has equal parts. What fraction is shaded now?

Try this a few times and draw the fractions you make.