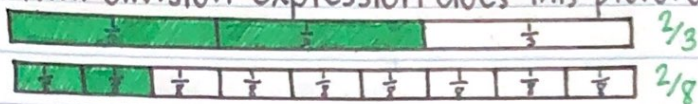


Fractions

(PART 3: DIVISION)

1. What division expression does this picture represent?



2. Draw a fraction strip model to show the number of times $\frac{1}{4}$ fits into $\frac{7}{8}$.



3. Calculate:

a) $\frac{5}{8} \div \frac{3}{4} = \frac{5}{6}$ b) $2\frac{1}{2} \div \frac{2}{3} = 3\frac{3}{4}$ c) $5 \div \frac{1}{3} = 15$ d) $2\frac{1}{2} \div \frac{4}{8} = \frac{20}{3}$

4. Craig needs to measure $6\frac{1}{3}$.

How many times must he fill a $\frac{1}{3}$ measuring cup?

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

5. Fredreka wrote $\frac{2}{5}$ of her report in 1 hour. How much time will she need to complete the entire report at this rate?

Fredreka will need 2 hours & 15 mins.

6. Alana is cooking a turkey.

It takes $4\frac{1}{2}$ hours to go cook. She checks it every 20 minutes, or $\frac{1}{3}$ hours.

How many times will she check it before it is cooked?

Alana will check it 18 times before it is cooked.

7. Does order matter in dividing fractions? For example, is $\frac{2}{3} \div \frac{1}{5}$ the same as $\frac{1}{5} \div \frac{2}{3}$? Explain.

Yes it does because when dividing a number by another, you will get a specific answer, and if you flip the equation, you will end up with a different result to a whole new equation.