

Name: ..... Class: .....

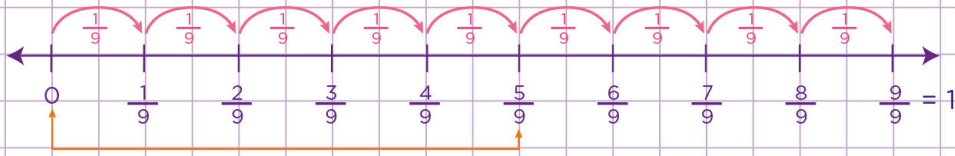
Decompose fractions into unit fractions



Decompose the following fractions as a sum of unit fractions.

**Example :**  $\frac{5}{9} = ?$

We know that, a unit fraction has a numerator of 1.  
So, we represent a whole divided into 9 equal parts with each part showing a unit fraction of  $\frac{1}{9}$  on a number line.



Then, we heading from 0 to  $\frac{5}{9}$ .

We can now see that  $\frac{5}{9}$  is represented with 5 parts on the number line.

So,  $\frac{5}{9}$  can be decomposed into a sum of 5 unit fractions of  $\frac{1}{9}$ .

$$\frac{5}{9} = \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9}$$

a.  $\frac{7}{10} =$

b.  $\frac{6}{8} =$

c.  $\frac{3}{4} =$

d.  $\frac{7}{7} =$

e.  $\frac{2}{5} =$

f.  $\frac{4}{8} =$



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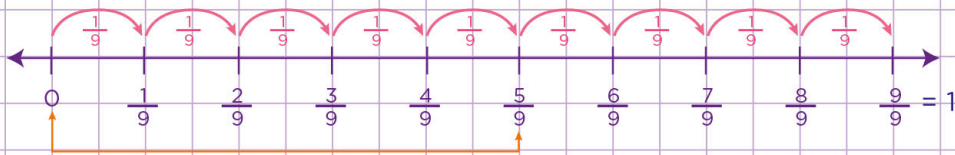
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$$\frac{5}{9} = \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9}$$

$$\text{b. } \frac{7}{10} = \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$$

$$\text{c. } \frac{6}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$$

$$\text{d. } \frac{3}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$$

$$\text{e. } \frac{7}{7} = \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$$

$$\text{f. } \frac{2}{5} = \frac{1}{5} + \frac{1}{5}$$

$$\text{g. } \frac{4}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$$

