

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

Fractions with denominator of 10 and 100

Complete the following equivalent fractions.

a.  $\frac{9}{10} = \frac{\square}{100}$

g.  $\frac{5}{10} = \frac{\square}{100}$

b.  $\frac{2}{10} = \frac{\square}{100}$

h.  $\frac{4}{\square} = \frac{40}{100}$

c.  $\frac{6}{10} = \frac{60}{\square}$

i.  $\frac{1}{\square} = \frac{10}{100}$

d.  $\frac{\square}{10} = \frac{70}{100}$

j.  $\frac{3}{10} = \frac{\square}{100}$

e.  $\frac{3}{10} = \frac{30}{\square}$

k.  $\frac{\square}{10} = \frac{100}{100}$

f.  $\frac{\square}{10} = \frac{80}{100}$

l.  $\frac{\square}{10} = \frac{60}{100}$

m.  $\frac{7}{10} = \frac{\square}{100}$



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## Fractions with denominator of 10 and 100



Complete the following equivalent fractions.

a.  $\frac{9}{10} = \frac{\boxed{90}}{100}$

Let's use cross multiplication to find the missing number.

$$\frac{9}{10} = \frac{?}{100}$$

$$9 \times 100 = 10 \times ?$$

$$900 = 10?$$

$$\frac{900}{10} = ?$$

$$90 = ?$$

So, the missing number is 90.

Therefore, the complete expression is

$$\frac{9}{10} = \frac{\boxed{90}}{100}$$

OR

We multiply the numerator and denominator of first fraction by 10 to find the equivalent fraction with a denominator of 100.

$$\text{i.e. } \frac{9 \times 10}{10 \times 10} = \frac{90}{100}$$

$$\text{So, } \frac{9}{10} = \frac{\boxed{90}}{100}$$

b.  $\frac{2}{10} = \frac{\boxed{20}}{100}$

c.  $\frac{6}{10} = \frac{\boxed{60}}{100}$

d.  $\frac{\boxed{7}}{10} = \frac{70}{100}$

e.  $\frac{3}{10} = \frac{30}{\boxed{100}}$

f.  $\frac{\boxed{8}}{10} = \frac{80}{100}$

g.  $\frac{5}{10} = \frac{\boxed{50}}{100}$

h.  $\frac{4}{\boxed{10}} = \frac{40}{100}$

i.  $\frac{1}{\boxed{10}} = \frac{10}{100}$

j.  $\frac{3}{10} = \frac{\boxed{30}}{100}$

k.  $\frac{\boxed{10}}{10} = \frac{100}{100}$

l.  $\frac{\boxed{6}}{10} = \frac{60}{100}$

m.  $\frac{7}{10} = \frac{\boxed{70}}{100}$

