

Topic: Expressing fraction with 100 as the denominator as a percentage.

A fraction with 100 as the denominator is called a percentage, for example, $\frac{19}{100}$ means 19%. Likewise, just remove the line and the denominator and just at the % symbol.

Now, try it on your own:

$$\frac{6}{100} - \underline{\hspace{2cm}}$$

$$\frac{12}{100} - \underline{\hspace{2cm}}$$

$$\frac{20}{100} - \underline{\hspace{2cm}}$$

Topic: Expressing a fraction as a percentage with a factor of 100 as a denominator.

For this one, 100 isn't the denominator, thus, we can't directly write the fraction as a percentage. However, the denominator is a factor of 100, so, you can convert it to an equivalent fraction and multiply the multiplicand to the numerator 100.

Example: Express $\frac{1}{4}$ as a percentage.

$4 \times 25 = 100$, and $1 \times 25 = 25$, so, our answer is 25%.

How about doing these sums on your own?:

$$\frac{3}{4} - \underline{\hspace{2cm}}$$

$$\frac{1}{2} - \underline{\hspace{2cm}}$$

$$\frac{9}{10} - \underline{\hspace{2cm}}$$

Topic: Expressing a fraction as a percentage whose denominator can't be divided by 100.

For this one, the denominator is not a factor of 100, so, in this case, we multiply the fraction by 100.

Example: Express $\frac{3}{8}$ as a percentage.

We multiply, using cancellation.

$$\frac{3}{8} \times 100 = \frac{75}{2} = 37.5\%.$$

Answer here is 37.5%

These sums are for you to solve:

$$\frac{6}{8} - \underline{\hspace{2cm}}$$

$$\frac{7}{15} - \underline{\hspace{2cm}}$$

$$\frac{8}{20} - \underline{\hspace{2cm}}$$