You can write decimals as percents.

To write 0.5 as a percent, multiply the decimal by 100%.

\[ 0.5 \times 100\% = 50\% \]

To multiply a number by 100, move the decimal point two places to the right.

\[ 0.50 \]

So, 0.5 = 50%.

Write each decimal as a percent.

1. 0.8
2. 0.64
3. 0.075
4. 0.29

You can solve a proportion to write a fraction as percent.

To write \( \frac{3}{4} \) as a percent, first set up a proportion.

\[ \frac{3}{4} = \frac{x}{100} \]

\[ 3 \times 100 = 4 \times x \quad \text{The cross products are equal.} \]

\[ 300 = 4x \quad \text{x is multiplied by 4.} \]

\[ \frac{4x}{4} = \frac{300}{4} \]

\[ x = 75 \]

So, \( \frac{3}{4} = \frac{75}{100} \)

\( \frac{75}{100} = 75\% \), So, \( \frac{3}{4} = 75\% \).

Write each fraction as a percent.

5. \( \frac{4}{5} \)
6. \( \frac{9}{10} \)
7. \( \frac{1}{8} \)
8. \( \frac{7}{25} \)

9. \( \frac{1}{4} \)
10. \( \frac{5}{6} \)
11. \( \frac{3}{4} \)
12. \( \frac{1}{5} \)