

Worksheet 12 You can use a calculator, as long as you show your steps.

Solve each proportion.

1) $\frac{3}{4} = \frac{x}{20}$

2) $\frac{3}{4} = \frac{x}{30}$

3) $\frac{3}{4} = \frac{x}{35}$

4) $\frac{28}{y} = \frac{4}{7}$

5) $\frac{2}{9} = \frac{5}{g}$

6) $\frac{n}{100} = \frac{1}{8}$

Does each ratio form a proportion? Show why or why not.

7) $\frac{3}{4}$ and $\frac{15}{24}$

8) $\frac{4}{9}$ and $\frac{2}{6}$

Solve the equation and show the check steps.

9) $-3(x - 2) = 3x - 4 - 2$

10) **Check Steps**