

## Problems

Solve each proportion.

1.  $\frac{x}{20} = \frac{3}{5}$

2.  $\frac{x-4}{12} = \frac{2}{3}$

3.  $\frac{100}{40} = \frac{5}{2x}$

4.  $\frac{6x}{5} = \frac{x-3}{10}$

5.  $\frac{8x}{7} = \frac{13}{2}$

6.  $\frac{3-x}{4} = \frac{x-7}{10}$

7.  $\frac{6x}{11} = \frac{35}{4}$

8.  $\frac{6+x}{2} = \frac{4-x}{8}$

9.  $\frac{9-x}{6} = \frac{24}{2}$

10.  $\frac{3x}{10} = \frac{24}{9}$

11.  $\frac{4x}{5} = \frac{x-2}{7}$

12.  $\frac{6x}{7} = \frac{42}{3}$

13.  $\frac{4x}{7} = \frac{81}{15}$

14.  $\frac{x}{100} = \frac{5}{20}$

15.  $\frac{x}{100} = \frac{7}{35}$