

Solving Proportions #1-10

1. Solve for x. Show your work.

$$\frac{x}{6} = \frac{14}{3}$$

2. Solve for x. Show your work.

$$\frac{2}{x} = \frac{3}{9}$$

3. Solve for x. Show your work.

$$\frac{-4}{9} = \frac{7}{x}$$

4. Solve for h. Show your work.

$$\frac{10}{h} = \frac{52}{13}$$

5. Solve for x. Show your work.

$$\frac{x+3}{12} = \frac{7}{2}$$

6. Solve for x. Show your work.

$$\frac{3}{14} = \frac{x-2}{21}$$

7. Solve for g. Show your work.

$$\frac{g}{2} = \frac{g-4}{30}$$

8. Solve for x. Show your work.

$$\frac{x-6}{42} = \frac{2x-14}{77}$$

9. Solve for d. Show your work.

$$\frac{3}{d+3} = \frac{4}{d+12}$$

10. Explain in complete sentences:

What are two different strategies you can use to solve for x in the type of problems given from #1-9, solving proportions?