

Solving Proportions

Answer Key

Solve each proportion.

1) $\frac{32}{8} = \frac{16}{h}$

$$\underline{h = 4}$$

2) $\frac{6}{b} = \frac{2}{3}$

$$\underline{b = 9}$$

3) $\frac{7}{14} = \frac{21}{2x}$

$$\underline{x = 21}$$

4) $\frac{10}{15} = \frac{2z}{3}$

$$\underline{z = 1}$$

5) $\frac{v}{66} = \frac{18}{33}$

$$\underline{v = 36}$$

6) $\frac{60}{k} = \frac{15}{21}$

$$\underline{k = 84}$$

7) $\frac{a}{7} = \frac{8}{28}$

$$\underline{a = 2}$$

8) $\frac{3}{4} = \frac{5d}{20}$

$$\underline{d = 3}$$

9) $\frac{w}{18} = \frac{2}{9}$

$$\underline{w = 4}$$

10) $\frac{15}{s} = \frac{30}{10}$

$$\underline{s = 5}$$

11) $\frac{4}{9} = \frac{12}{u}$

$$\underline{u = 27}$$

12) $\frac{3t}{15} = \frac{36}{60}$

$$\underline{t = 3}$$