

Proportions – using decimals

Grade 6 Proportions Worksheet

Round the answers to 2 decimal digits.

$$1) \frac{75}{1.9} = \frac{x}{5.5}$$

$$2) \frac{8}{37} = \frac{0.4}{y}$$

$$3) \frac{w}{7.7} = \frac{33.5}{90}$$

$$4) \frac{4}{71} = \frac{z}{3.1}$$

$$5) \frac{2.3}{4} = \frac{x}{9.1}$$

$$6) \frac{29}{9} = \frac{y}{60}$$

$$7) \frac{83}{2.1} = \frac{w}{7}$$

$$8) \frac{14.1}{z} = \frac{40}{51}$$

$$9) \frac{x}{12.3} = \frac{8}{19}$$

$$10) \frac{3.4}{13} = \frac{24}{y}$$

Answers

1) $x = 217.11$

2) $y = 1.85$

3) $w = 2.87$

4) $z = 0.17$

5) $x = 5.23$

6) $y = 193.33$

7) $w = 276.67$

8) $z = 17.98$

9) $x = 5.18$

10) $y = 91.76$