



Proportions – using decimals

Grade 6 Proportions Worksheet

Round the answers to 2 decimal digits.

$$1) \quad \frac{a}{3} = \frac{1.5}{7}$$

$$2) \quad \frac{15}{4.2} = \frac{4.8}{b}$$

$$3) \quad \frac{c}{13} = \frac{4.1}{3}$$

$$4) \quad \frac{3.8}{d} = \frac{5.4}{3}$$

$$5) \quad \frac{0.8}{19} = \frac{7}{a}$$

$$6) \quad \frac{b}{2} = \frac{107}{3.15}$$

$$7) \quad \frac{6}{23} = \frac{c}{7.7}$$

$$8) \quad \frac{1.7}{21} = \frac{8}{d}$$

$$9) \quad \frac{1.4}{a} = \frac{3}{4.9}$$

$$10) \quad \frac{b}{12} = \frac{3.2}{26}$$



Answers

1) $a = 0.64$

2) $b = 1.34$

3) $c = 17.77$

4) $d = 2.11$

5) $a = 166.25$

6) $b = 67.94$

7) $c = 2.01$

8) $d = 98.82$

9) $a = 2.29$

10) $b = 1.48$