

Proportions – using decimals

Grade 6 Proportions Worksheet

Round the answers to 2 decimal digits.

$$1) \quad \frac{3.9}{5} = \frac{a}{8}$$

$$2) \quad \frac{20}{b} = \frac{17}{2.7}$$

$$3) \quad \frac{41}{5.9} = \frac{c}{3}$$

$$4) \quad \frac{3}{d} = \frac{11}{7}$$

$$5) \quad \frac{a}{0.7} = \frac{47}{23}$$

$$6) \quad \frac{b}{8} = \frac{16.2}{9.2}$$

$$7) \quad \frac{6}{c} = \frac{9.4}{7.7}$$

$$8) \quad \frac{60}{2.9} = \frac{d}{0.7}$$

$$9) \quad \frac{3.1}{a} = \frac{11}{15}$$

$$10) \quad \frac{9}{b} = \frac{0.8}{25}$$

Answers

1) $a = 6.24$

2) $b = 3.18$

3) $c = 20.85$

4) $d = 1.91$

5) $a = 1.43$

6) $b = 14.09$

7) $c = 4.91$

8) $d = 14.48$

9) $a = 4.23$

10) $b = 281.25$