



Basic algebra with decimals

Grade 5 Pre-Algebra Worksheet

Solve for the variable. Answers should be expressed as "x=_____".

1) $\frac{0.88}{x} = 1.1$

7) $\frac{x}{2.4} = 2.1$

2) $0.9x = 0.36$

8) $4x = 12.4$

3) $0.4x = 0.16$

9) $4.4x = 22$

4) $\frac{x}{2.1} = 3$

10) $3.2x = 16$

5) $\frac{9}{x} = 5$

11) $\frac{10.8}{x} = 4$

6) $\frac{9.45}{x} = 2.1$

12) $\frac{x}{2.4} = 3$



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Solve for the variable. Answers should be expressed as "x=_____".

$$1) \frac{0.88}{x} = 1.1$$
$$x = 0.8$$

$$7) \frac{x}{2.4} = 2.1$$
$$x = 5.04$$

$$2) 0.9x = 0.36$$
$$x = 0.4$$

$$8) 4x = 12.4$$
$$x = 3.1$$

$$3) 0.4x = 0.16$$
$$x = 0.4$$

$$9) 4.4x = 22$$
$$x = 5$$

$$4) \frac{x}{2.1} = 3$$
$$x = 6.3$$

$$10) 3.2x = 16$$
$$x = 5$$

$$5) \frac{9}{x} = 5$$
$$x = 1.8$$

$$11) \frac{10.8}{x} = 4$$
$$x = 2.7$$

$$6) \frac{9.45}{x} = 2.1$$
$$x = 4.5$$

$$12) \frac{x}{2.4} = 3$$
$$x = 7.2$$