

2.7 notes.notebook

Alg 1 2.7 Notes

Solving Properties

Solve each proportion, for the given variable, using the Multiplication Property of Equality.

1) $\frac{6}{10} = \frac{m}{5}$

On your own...
3) $\frac{4}{7} = \frac{g}{2}$

2) $\frac{t}{-3} = \frac{7}{6}$

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Solve each proportion, for the given variable, using any method.

7) $\frac{c+3}{10} = \frac{6}{5}$

On your own...
8) $\frac{3}{x-1} = \frac{9}{x+5}$

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Solve each proportion, for the given variable, using the Cross Products Property.

4) $\frac{2}{x} = \frac{36}{3}$

On your own...
6) $\frac{6}{9} = \frac{-8}{b}$

5) $\frac{3}{12} = \frac{k}{7}$

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9) Matthew is practicing to make the basketball team. He has made 25 free throws in 10 minutes. He wants to make a total of 55 free throws before he is done for the day. If he makes the baskets at the same rate, how long will it take him to make the 55 shots?

On your own...

10) If 2lb of pasta serves 8 people, how much pasta should you bring to a dinner party with 32 people?