

Name: _____

Solving Proportions - Algebraic Expressions

L2S1

Solve each proportion.

1) $\frac{x-3}{4} = \frac{x}{2}$

2) $\frac{24+4y}{y} = \frac{11}{2}$

3) $\frac{6}{k} = \frac{9}{7+2k}$

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5) $\frac{d-5}{d+4} = \frac{2}{3}$

7) $\frac{c}{7} = \frac{2+c}{21}$

8) $\frac{m-8}{5} = \frac{m-6}{6}$

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Answer key

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x

y = 16

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k

b = -35

d

g = 2

c = 1

m = 18