

Name: _____

Solving Proportions - Algebraic Expressions

L2S3

Solve each proportion.

1) $\frac{3t+9}{2t+3} = \frac{12}{7}$

2) $\frac{2q+4}{5} = \frac{12q}{15}$

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

5) $\frac{9}{9b} = \frac{7}{8b-3}$

7) $\frac{7}{8-u} = \frac{6}{11-u}$

8) $\frac{13}{2x} = \frac{26}{3x+12}$

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Answer key

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$q = 2$

$h = 4$

$m = -30$

$u = 29$

$x = 12$

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