

Name : _____

Solving Proportions - Algebraic Expressions

L1S3

Solve each proportion.

1) $\frac{54}{18} = \frac{u - 13}{2}$

2) $\frac{8 + 5x}{21} = \frac{6}{42}$

3) $\frac{9r - 38}{4} = \frac{20}{5}$

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5) $\frac{4}{2} = \frac{7c + 45}{26}$

7) $\frac{7}{6} = \frac{63}{4z + 6}$

8) $\frac{5}{10 - g} = \frac{11}{88}$

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Answer key

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$z = 12$

$g = -30$

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$x = -1$

$\frac{13}{3}$

$v = 4$

$\frac{1}{9}$

$h = 35$