

Name: _____

Solving Proportions - Algebraic Expressions

L1S4

Solve each proportion.

1) $\frac{10b - 8}{6} = \frac{21}{3}$

2) $\frac{35}{5 + 2f} = \frac{7}{5}$

3) $\frac{64}{6c - 20} = \frac{8}{2}$

5) $\frac{9}{99} = \frac{4}{p + 13}$

7) $\frac{12}{42} = \frac{q - 5}{7}$

8) $\frac{61 + u}{2} = \frac{16}{4}$

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Answer key

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f = 10

q = 7

n = 77

m = 4

u = -53

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