

Name: _____

Solving Proportions - Algebraic Expressions

L1S5

Solve each proportion.

1) $\frac{12}{16} = \frac{3}{2a+4}$

2) $\frac{81}{18} = \frac{9}{h-10}$

3) $\frac{39}{3} = \frac{2+5w}{4}$

$\frac{6}{9}$

5) $\frac{28}{n-13} = \frac{7}{9}$

$\frac{8}{9}$

7) $\frac{5r-10}{60} = \frac{40}{30}$

8) $\frac{15}{73+8b} = \frac{75}{5}$

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Answer key

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$r = 18$

$b = -9$

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$h = 12$

$\frac{6}{9}$

$f = -15$

$x = 20$