

Name: \_\_\_\_\_

## Solving Proportions - Algebraic Expressions

L1S2

Solve each proportion.

1)  $\frac{8}{5} = \frac{24}{2k+1}$

2)  $\frac{18}{9} = \frac{1+3w}{20}$

3)  $\frac{52}{y+17} = \frac{13}{3}$

5)  $\frac{6m-54}{5} = \frac{4}{4}$

7)  $\frac{30}{15} = \frac{d-25}{5}$

8)  $\frac{4f+64}{16} = \frac{4}{2}$

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## Answer key

### Solving Proportions - Algebraic Expressions

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$d = 35$

$f = -8$

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$w = 13$

$x = 3$

$a = 4$