

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

## Solving Proportions - Algebraic Expressions

L2S4

Solve each proportion.

1)  $\frac{2}{z} = \frac{25}{11z+6}$

2)  $\frac{v}{v-14} = \frac{19}{5}$

3)  $\frac{6}{f-2} = \frac{16}{2f}$

5)  $\frac{k+1}{6} = \frac{4k}{20}$

7)  $\frac{w-4}{5} = \frac{w+6}{3}$

8)  $\frac{4r}{r+5} = \frac{6}{9}$

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## Answer key

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$w = -21$

$r = 1$

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$v = 19$

$n = 6$

$p = -12$