

Name: _____

Basic

Basic Algebra '25



Determine the value of the variable in each equation.

1. $\frac{25}{a} = 5$

$a =$ _____

2. $25 - j = 17$

$j =$ _____

3. $25r = 25$

$r =$ _____



Preview

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$g =$ _____

$z =$ _____

$h =$ _____

10. $\frac{b}{2} = 25$

$b =$ _____

11. $w - 25 = -10$

$w =$ _____

12. $25v = 200$

$v =$ _____

ANSWER KEY

Basic

Basic Algebra '25



Determine the value of the variable in each equation.

1. $\frac{25}{a} = 5(a)$
~~let~~ $\frac{25}{a} = 5(a)$
 $\frac{25}{25} = \frac{5a}{5a}$

2. $-25 - j = 17$
 $\frac{-25}{-25} - \frac{j}{-25} = \frac{17}{-25}$
 $(-1)j = -8(-1)$

3. $\frac{25r}{25} = \frac{25}{25}$
 $r = 1$

Preview

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$b = \underline{50}$

$w = \underline{15}$

$v = \underline{8}$