

Name: _____

Advanced

Basic Algebra 2025



Determine the value of the variable in each equation.

1. $\frac{2,025}{a} = 81$

2. $2,025 - j = 800$

3. $2,025r = 4,050$

$a =$ _____

$j =$ _____

$r =$ _____



Preview

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$g =$ _____

$z =$ _____

$h =$ _____

10. $\frac{b}{2} = 2,025$

11. $w - 2,025 = -124$

12. $50v = 2,025$

$b =$ _____

$w =$ _____

$v =$ _____

ANSWER KEY

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Determine the value of the variable in each equation.

$$1. \quad \frac{2,025}{a} = 81 \quad (a)$$

$$\frac{2,025}{81} = \frac{81a}{81}$$

$$2. \quad \frac{2,025}{-2,025} - j = \frac{800}{-2,025}$$

$$(-1) - j = -1,225 \quad (-1)$$

$$3. \quad \frac{2,025r}{2,025} = \frac{4,050}{2,025}$$

$$r = 2$$

Preview

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$$b = \underline{4,050}$$

$$w = \underline{1,701}$$

$$v = \underline{102 \text{ or } 10.2}$$