

Name: _____

Advanced

Basic Algebra 2024



Determine the value of the variable in each equation.

1. $\frac{2,024}{a} = 253$

2. $2,024 - j = 800$

3. $2,024r = 4,048$

a = _____

j = _____

r = _____



Preview

Please log in to download
the printable version of this worksheet.

g = _____

z = _____

h = _____

10. $\frac{b}{2} = 2,024$

11. $w - 2,024 = -124$

12. $126.5v = 2,024$

b = _____

w = _____

v = _____

ANSWER KEY

Advanced

Basic Algebra 2024



Determine the value of the variable in each equation.

$$1. \quad \frac{2,024}{a} = 253 \quad (a)$$
$$\frac{2,024}{253} = \frac{253a}{253}$$

$$2. \quad \frac{2,024}{-2,024} - j = \frac{800}{-2,024}$$
$$(-1) - j = -1,224 \quad (-1)$$

$$3. \quad \frac{2,024r}{2,024} = \frac{4,048}{2,024}$$
$$r = 2$$

Preview

Please log in to download
the printable version of this worksheet.



$$b = \underline{4,048}$$

$$w = \underline{1,700}$$

$$v = \underline{10}$$