

## Rewriting Formulas (F)

Solve for  $y$  in terms of the other variables.

1.  $z = \frac{y}{2}$

5.  $1 = yz$

9.  $yb = c$

2.  $x = \frac{z}{y}$

6.  $v = -1y$

10.  $yc = v$

3.  $9 = \frac{y}{v}$

7.  $x = \frac{y}{3}$

11.  $\frac{y}{10} = z$

4.  $a = \frac{y}{u}$

8.  $yz = c$

12.  $yb = -7$

## Rewriting Formulas (F) Answers

Solve for  $y$  in terms of the other variables.

$$1. \ z = \frac{y}{2}$$
$$y = 2z$$

$$5. \ 1 = yz$$
$$y = \frac{1}{z}$$

$$9. \ yb = c$$
$$y = \frac{c}{b}$$

$$2. \ x = \frac{z}{y}$$
$$y = \frac{z}{x}$$

$$6. \ v = -1y$$
$$y = -\frac{v}{1}$$

$$10. \ yc = v$$
$$y = \frac{v}{c}$$

$$3. \ 9 = \frac{y}{v}$$
$$y = 9v$$

$$7. \ x = \frac{y}{3}$$
$$y = 3x$$

$$11. \ \frac{y}{10} = z$$
$$y = 10z$$

$$4. \ a = \frac{y}{u}$$
$$y = au$$

$$8. \ yz = c$$
$$y = \frac{c}{z}$$

$$12. \ yb = -7$$
$$y = -\frac{7}{b}$$