

Rewriting Formulas (E)

Solve for x in terms of the other variables.

1. $xy = b$

5. $\frac{z}{x} = a$

9. $xb = v$

2. $xv = a$

6. $xu = 6$

10. $\frac{5}{x} = b$

3. $xz = 10$

7. $b = \frac{x}{u}$

11. $\frac{1}{x} = v$

4. $2x = y$

8. $\frac{u}{x} = b$

12. $3x = u$

Rewriting Formulas (E) Answers

Solve for x in terms of the other variables.

$$1. xy = b$$
$$x = \frac{b}{y}$$

$$5. \frac{z}{x} = a$$
$$x = \frac{z}{a}$$

$$9. xb = v$$
$$x = \frac{v}{b}$$

$$2. xv = a$$
$$x = \frac{a}{v}$$

$$6. xu = 6$$
$$x = \frac{6}{u}$$

$$10. \frac{5}{x} = b$$
$$x = \frac{5}{b}$$

$$3. xz = 10$$
$$x = \frac{10}{z}$$

$$7. b = \frac{x}{u}$$
$$x = bu$$

$$11. \frac{1}{x} = v$$
$$x = \frac{1}{v}$$

$$4. 2x = y$$
$$x = \frac{y}{2}$$

$$8. \frac{u}{x} = b$$
$$x = \frac{u}{b}$$

$$12. 3x = u$$
$$x = \frac{u}{3}$$