

LESSON

Practice A**5-10 Solving Fraction Equations: Multiplication and Division**

Solve each equation. Write the answer in simplest form.

1. $\frac{1}{2}x = 2$

2. $2t = \frac{2}{3}$

3. $\frac{1}{3}a = 3$

4. $\frac{r}{2} = 4$

5. $\frac{b}{3} = 6$

6. $2y = \frac{1}{5}$

7. $\frac{1}{4}d = 2$

8. $\frac{b}{5} = 6$

9. $\frac{q}{10} = \frac{1}{5}$

10. $\frac{1}{3}s = 4$

11. $\frac{h}{2} = 2$

12. $\frac{1}{4}c = 1$

Circle the correct answer.

13. Tate earned \$9 for working
- $\frac{3}{4}$
- of an hour. Which equation can be used to find Tate's hourly rate?

A $9h = \frac{3}{4}$

B $9 + \frac{3}{4} = h$

C $\frac{3}{4}h = 9$

D $9 - \frac{3}{4} = h$

14. Which operation should you use to solve the equation
- $5x = 2$
- ?

F addition

G subtraction

H multiplication

J division

15. A number
- n
- is divided by 2, and the quotient is
- $\frac{1}{3}$
- . Write an equation to model this problem.
-
- _____

16. A number
- n
- is multiplied by
- $\frac{1}{4}$
- , and the product is 5. Write and solve an equation to model this problem.
-
- _____