

## LESSON

## 7

## Introduction to Algebra

## Practice B: Multiplication Equations

Solve each equation. Check your answers.

1.  $8s = 72$

2.  $4v = 28$

3.  $27 = 9q$

4.  $12m = 60$

5.  $48 = 6x$

6.  $7n = 63$

7.  $10t = 130$

8.  $15p = 450$

9.  $84 = 6v$

Solve each equation. Check your answers.

10.  $49 = 7m$

11.  $20r = 80$

12.  $64 = 8x$

13.  $36 = 4p$

14.  $147 = 7d$

15.  $11n = 110$

16.  $12q = 144$

17.  $25f = 125$

18.  $128 = 16w$

19. A hot-air balloon flew at 10 miles per hour. Using the variable  $h$ , write and solve a multiplication equation to find how many hours the balloon traveled if it covered a distance of 70 miles.

20. A passenger helicopter can travel 300 miles in the same time it takes a hot-air balloon to travel 20 miles. Using the variable  $s$ , write and solve a multiplication equation to find how many times faster the helicopter can travel than the hot air balloon.