

LESSON

7

Introduction to Algebra

Practice C: Multiplication Equations

Solve each equation. Check your answers.

1. $24s = 144$

2. $5v = \frac{225}{15}$

3. $4q = \frac{16}{2}$

4. $(3^2)m = 45$

5. $266 = 38x$

6. $(4^2)n = 48$

7. $213t = 1,917$

8. $(15p) \cdot 4 = 660$

9. $3v = 300$

Solve each equation. Check your answers.

10. $65m = 845$

11. $105r = 840$

12. $(2^4)x = 112$

13. $(10p) \cdot 21 = 1,890$

14. $42d = 210$

15. $36 = 3n \cdot 4$

16. $57 \cdot (4q) = 228$

17. $137t = 822$

18. $(3^3)w = 54$

19. If $xy = 56$, and $y - x = 1$, what are the values for x and y ?

20. If $x = 4y$, and $x + y = 10$, what are the values for x and y ?