Practice B

LESSON 2-7 Solving Division Equations

Solve each equation. Check your answers.

1. \( \frac{s}{6} = 7 \)

2. \( \frac{v}{5} = 9 \)

3. \( 12 = \frac{q}{7} \)

4. \( \frac{m}{2} = 16 \)

5. \( 26 = \frac{x}{3} \)

6. \( \frac{n}{8} = 4 \)

7. \( \frac{t}{11} = 11 \)

8. \( \frac{p}{7} = 10 \)

9. \( 7 = \frac{v}{8} \)

Solve each equation.

10. \( 10 = \frac{m}{9} \)

11. \( \frac{r}{5} = 8 \)

12. \( 11 = \frac{x}{7} \)

13. \( 9 = \frac{p}{12} \)

14. \( 15 = \frac{d}{5} \)

15. \( \frac{n}{4} = 28 \)

16. \( \frac{q}{2} = 134 \)

17. \( \frac{u}{16} = 1 \)

18. \( 2 = \frac{w}{25} \)

19. All the seats in the theater are divided into 6 groups. There are 35 seats in each group. Using the variable \( s \), write and solve a division equation to find how many seats there are in the theater.

20. There are 16 ounces in one pound. A box of nails weighs 4 pounds. Using the variable \( w \), write and solve a division equation to find how many ounces the box weighs.