

Solving Equations with Whole Numbers

Explain how to get the variable alone in each equation.

1. $8x = 96$ _____

2. $n - 16 = 2$ _____

3. $\frac{t}{20} = 300$ _____

4. $h + 32 = 81$ _____

5. **Number Sense** What is the solution for $72n = 144$? _____

Solve each equation and check your answer.

6. $k - 52 = 105$

7. $\frac{x}{12} = 5$

8. $m + 18 = 26$

9. $56 = 56s$

10. $g + 43 = 88$

11. $\frac{v}{4} = 15$

12. $7r = 560$

13. $y - 27 = 94$

14. $34h = 0$

15. The Memorial Day Parade featured marching bands from all over the state. There are 5 French horns in each of the bands in the parade and a total of 75 French horns altogether. Solve the equation $5x = 75$ to determine the number of marching bands in the parade.

Test Prep

16. Which shows the solution for $f - 320 = 647$?

A. 967

B. 337

C. 327

D. 320

17. **Writing in Math** Explain how to get the variable alone in $\frac{m}{16} = 4$.
