

Algebra I
Solving One Step Equations with
Multiplication & Division

Name _____

Solve each equation, and SHOW ALL STEPS!

1. $-6x = -42$

2. $9y = -36$

3. $15 = -2b$

4. $\frac{c}{5} = 8$

5. $\frac{2}{3}n = -10$

6. $\frac{h}{-3} = -7$

Write an equation for each verbal statement, and then solve each equation to find the number.

7. The product of a number and negative 3 is twelve.

8. A number divided by four is negative four.

9. One half of a number is fifteen.

10. The quotient of a number and negative six is one third.

11. A number times negative seven is sixty-three.

12. Three fourths of a number is twenty-four.

Solve each equation, and SHOW ALL STEPS!

13. $-\frac{3}{5}y = 6$

14. $-8n = \frac{1}{10}$

15. $\frac{r}{6} = \frac{-2}{7}$

16. $-8v = 48$

17. $b + 4 = -2$

18. $\frac{5}{6}x = \frac{10}{9}$

19. Write and solve an equation to represent the following situation:
Mrs. Land is a pinball fanatic. Each game costs \$0.50 and she has \$12 to spend.
How many games can she play?