

One-Step Equations with Rational Numbers

Name _____
Date _____ Per _____

SOLVE each problem. **Show ALL work.**

1. $n + 79 = -214$

2. $m - 3.85 = -3.496$

3. $w + \frac{1}{4} = \frac{3}{10}$

4. Check # 3

5. $\frac{4}{5} = b - 4\frac{2}{5}$

6. $-16s = 256$

7. $\frac{x}{9} = 108$

8. Check # 7

9. $-1.2p = 28.8$

10. $\frac{3}{8}x = -\frac{9}{10}$

Write the following as algebraic expressions or equations.

11. Seven less than a number is fifteen.

12. twice a number increased by twenty-four

13. Half as many points as Bob's points is eighteen points.

Use the following expression to answer the following questions: $5x - 2y + 6$

14. What is the 5 called?

15. What is the constant?

16. Is the coefficient of the second term positive or negative?
