



Prealgebra Practice Test
Unit 4: Solving Equations

Name _____

Date _____

1. Simplify: $2(2x - 3) + 7x$

2. Solve: $8 - 5 = 8x - 7x + 6$

3. Solve: $\frac{1}{3}x + 2 = 7$

4. Solve: $\frac{x}{3} - \frac{x}{6} = 2$

5. Three times a number plus 99 is equal to the difference of the number and three. What is the number?

6. If $F = \frac{9}{5}C + 32$, what is the Celsius temperature in a room where the temperature is 77° F?

7. For the equation $x + 5y = 6$, complete the ordered pair $(-4, \quad)$.

8. Is $(0, -6)$ a solution to $x - y = 6$?

9. Plot the ordered pairs $(-3, -2)$, $(-4, 0)$, and $(0, 3)$.

10. Graph the line $3x + 2y = 6$.