

Name _____

Date _____

Multi-Step Equations

1) $3 - 2s = 4 - 6s$

6) $\frac{1}{2}(x + 12) = -8$

2) $13 - 3h = 8 - 2h$

7) $\frac{1}{4}(8t + 4) + 9 = \frac{1}{2}(2t + 4)$

3) $12 - 4r = 5(r + 6)$

8) $3s - (0.5s + 7.2) = 32.8$

4) $5p - p = -28 + 2p$

9) $\frac{4s - 6 - 2s}{8} = -3(s - 5)$

5) $\frac{1}{3}(x - 6) = 6$

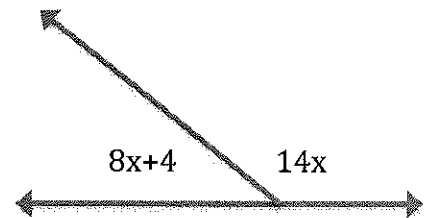
10) $5r - 7(1 + r) = 5$

15) A square and a rectangle have the same perimeters. The length of a side of the square is $4x-1$. The length of the rectangle is $2x+1$ and the width is $x+2$. Write and solve an equation to find x ? Then tell the dimensions of each shape and the perimeter of the shapes. What have you discovered?

11) $480x + 2200(x + 5) - 7500 = 11,540$

12) $(y - 2) + (y - 1) + y = -3$

16)



13) $7 - 3(c + 1) = 2(c - 3)$

What is the measure of each angle?

14) $74 - 2[(35) + 2x - 3] = -6$

