

Name _____

Date _____

Homework #15 - Due Friday 1/19

Directions: Solve the system of equations.

1) $y = -x + 5$
 $x + y = 3$

2) $y = 3x$
 $3x - 2y = 18$

3) $x + y = 7$
 $y = -3$

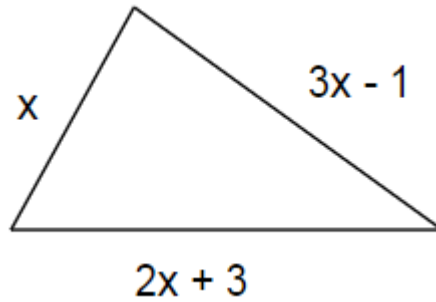
4) $3x + 4y = -10$
 $x = -3y$

5) $y = -x$
 $x - y = 6$

6) $x - 3y = -11$
 $y = -3x + 17$

Review Questions

- 7) Write an expression for the perimeter.



- 8) Simplify
 $(8^7)(8)$

- 9) Simplify
 $(5x^2y)^3$

- 10) Simplify
 $(8x^2)(-3x)$

- 11) Simplify
 $\frac{10x^7y}{2x^{10}y}$

- 12) Solve $3(6x - 5) + 4 = 2(5x - 5) - 1 + 8x$