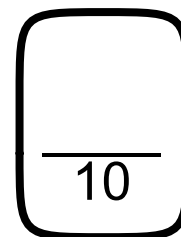
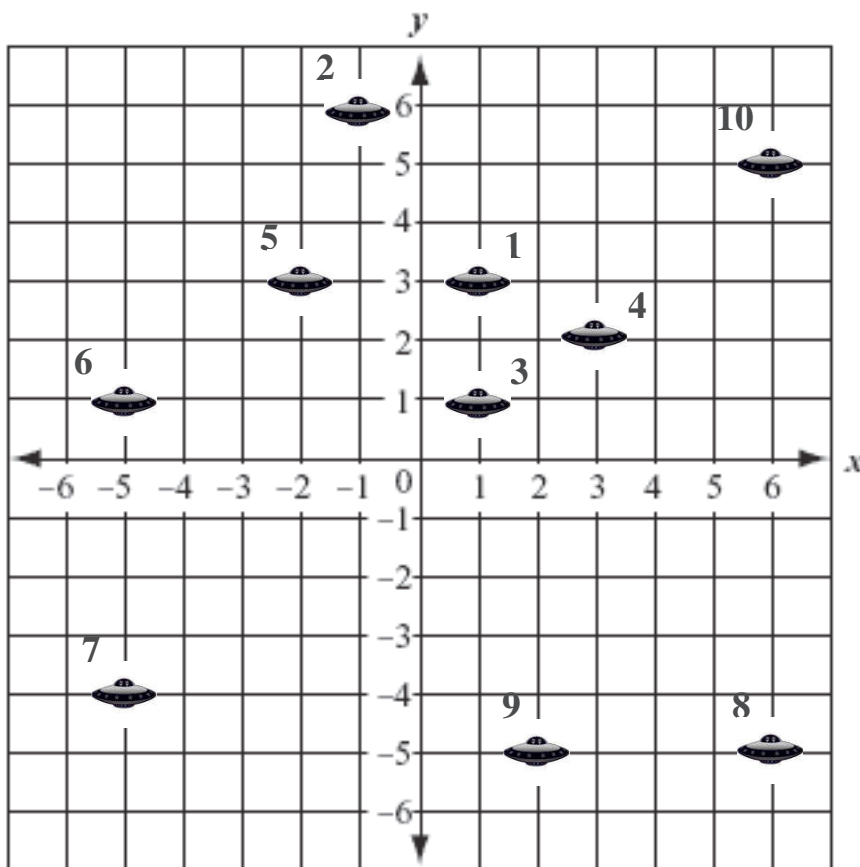


WS #4 Systems of Equations TARGET PRACTICE

Match each system to the target UFO that it locks on to by solving by graphing.

It may help to graph each system with a different color.



UFO	Shot	UFO	Shot
	$y = x + 6$ $y = -x - 4$		$y = 3x$ $y = -x + 4$
	$y = -x + 5$ $y = -2x + 4$		$y = \frac{1}{2}x + 4$ $y = -2x - 1$
	$y = -\frac{1}{5}x - 5$ $y = \frac{2}{5}x - 2$		$y - x = -7$ $y = -3x + 1$
	$y = x - 1$ $y = -x + 5$		$y = x$ $y = 2x - 1$
	$x = 6$ $y - x = -1$		$y = -5$ $y = -\frac{1}{2}x - 2$

SOLVING LINEAR SYSTEMS USING ALGEBRA- COMPARISON METHOD

Solve each system using the comparison method. Write the solution as an ORDERED PAIR (x,y)

1. $y = x + 1$
 $y = 4 - 2x$

2. $y = 4 - 2x$
 $y = 4x + 4$

3. $y = 2x + 2$
 $y = 8 - 4x$

4. $y = 0.5x$
 $y = 9 - x$

5. $y = x + 4$
 $y = -2x - 8$

6. $y = 3 - 1.5x$
 $y = -3$

7. $2x + y = 10$
 $y + 3x = 30$

8. $x - y = 50$
 $x + y = 110$

9. $x + y = 5$
 $y + 3x = 6$

10. $y = 5 - 2x$
 $y = 0.5x$

11. $y = 2x - 70$
 $y = 5 - x$

12. $y = -x + 8$
 $y = x$