

You must complete this before retaking the MC again. Remember it is all about LEARNING so take your time and learn how to do these skills. If you need help please ask!

NAME: _____

Corrective Assignment 3.6

Directions: Write the slope-intercept form of the equation of the line described.

1) through: $(1, -4)$, parallel to $y = -x + 1$

2) through: $(-5, 3)$, parallel to $y = -x - 4$

3) through: $(-2, -4)$, parallel to $y = x - 4$

4) through: $(2, -4)$, perp. to $y = \frac{1}{2}x - 5$

5) through: $(-3, 3)$, perp. to $y = x - 4$

6) through: $(3, -4)$, perp. to $y = x - 3$

Directions: Determine whether the lines are parallel, perpendicular or neither.

7) $y = -x - 7$
 $y - x = 20$

8) $y = -x + 6$
 $x + y = 20$

9) $3x + 4y = 12$
 $6x + 2y = 6$

10) A parallelogram is a quadrilateral that has opposite sides that are parallel. Is quadrilateral ABCD a parallelogram? Why or why not? A(1,0), B(4,0), C(3,-3) and D(-1,-3)

ANSWERS TO CORRECTIVE ASSIGNMENT:

Make sure you check all your answers and make sure you KNOW how to do all of them. You could simply copy answers but that's not the point. The point is that you have to learn how to do this so please make sure that for any you don't understand you get help BEFORE taking the Mastery Check again.

1) $y = -x - 3$

2) $y = -x - 2$

3) $y = x - 2$

4) $y = -2x$

5) $y = -x$

6) $y = -x - 1$

7) perpendicular

8) parallel

9) neither

10) Not a parallelogram