**October 28 - Nov. 1** Agenda Name_____
Hour_____

## Monday, October 28

**Warm-up:** Suppose that you are standing at the point with coordinates (3,4). Tell how you would move on the grid lines to reach the points below. ALWAYS begin with the independent, x.

**a.** (−3, 4)

**b.** (−3, −4)

**c.** (3, −4)

**d.** (1.5, −2)

**e.** (−1.5, 2)

**f.** (−2.5, −3.5)

**In Class**: Distance between points handout. IXL X4 (Extension work: Graphing Triangles & Quadrilaterals IXL CC8, & Translations DD7)

**Homework:** Find the distance between each set of points then share if the line connecting the two points would be vertical or horizontal.

- (-7,4) to (-7, -3)= _____ _____ line
- (-7, -4) to (7, -4)= _____ _____ line
- (0, -2) to (0, 6)= _____ _____ line
- (4, 0) to (-3, 0)= _____ _____ line

## Tuesday, October 29

**Warm-up**: At a level 1, whisper, compare homework with a table partner.

**In Class**: Coordinate Graphing & Story of Graphs Quiz Inv 2

**Homework**: Evaluate $10^2 \div 2 \times 5 - 7 + 11$

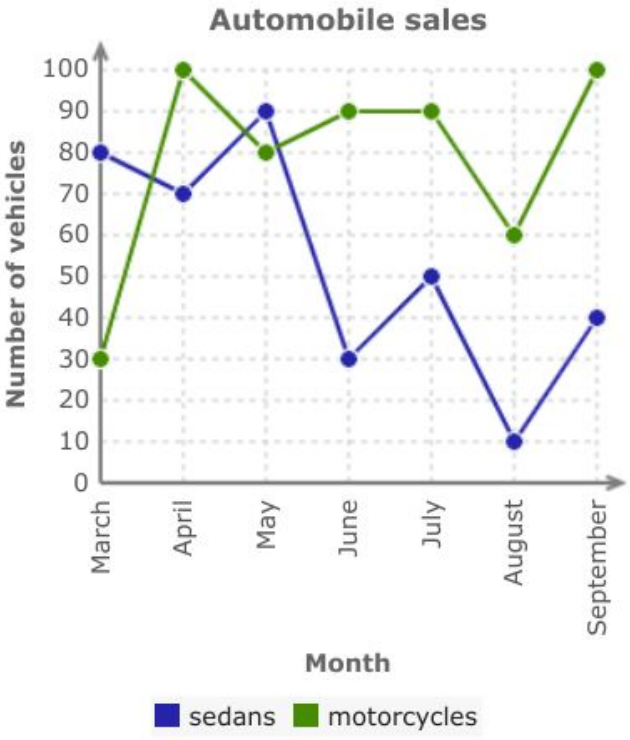
**Wednesday, October 30**

**Warm-up:** Does the point (4, 3) satisfy the equation $y = 9x$? Hint, replace $x$ and $y$ with the numbers they are = to. Remember what a number next to a letter means...

**In Class:** IXL GG16 Interpret double line graphs, BB1 (x,y) satisfy the equation

**Homework:**

An auto dealer in Millersburg sells a number of different vehicles.




How many motorcycles were sold during July?

**Thursday, October 31**

**Warm-up:** When you buy a video game, markers, clothes, or any other item, Michigan has a sales tax. Our sales tax is 6%. If an item costs $100, we have to pay an extra $6 for the sales tax because 6% of $100 is $6. Let's say you buy sharpies for school and they cost $10, how much will you pay in sales tax?

What is the sales tax for something that costs $4?

**In Class:** 3.1 Writing equations

**Homework:** **SHOW evidence of work, NO calculator** Evaluate $4 - $2.32 (You have $4 and buy something that cost $2.32, what is your change?)

---

**Friday, November 1**

**Warm-up**: When you go to an amusement park, it costs $25 to enter. They have carnival games there too that cost $1 per game. If you decide to play 9 games, how much is your total cost?

20 games?

Write an equation for the total cost $C$ you would pay for $G$ games when you go to the amusement park.

**In Class:** Hand back quiz, IXL Z5, Z6

**Homework:** Be a Kid!