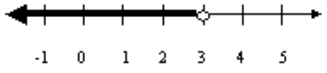
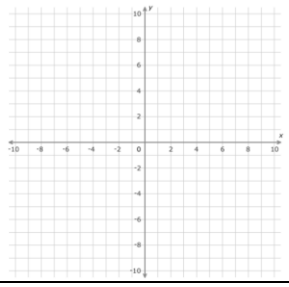
Name:_____ **6th Grade Math Homework** **Feb. 19 – 23** **Week 24**

Please use your math notebook and/or our math website for help/videos to help with concepts on this homework.

6th grade math website: nms6grademath.weebly.com **SHOW ALL WORK IN THE WORK COLUMN.**

Monday		Tuesday	
Solve. 17.03 – 0.374		Find the quotient. $\frac{2}{5} \div \frac{5}{9} =$	
Fill in the blank. 7 ft. = _____ inches		The ratio of cookies to glasses of milk is 3:1. If there are 25 glasses of milk, how many cookies are there?	
What is the value of 7x (3x + x), when x = 8?		Evaluate the expression. 80 + (8 x 4) ÷ 2	
List 3 values that would make this inequality true. 7n ≤ 21 ____, ____, ____		Solve for y 18 = y - 37	
Kelly ran 2 miles and burned 240 calories. The next day she ran 3 miles and burned 360 calories. The next day 4 miles and 480 miles. If this pattern continues, how many calories will she burn if she runs 8 miles?		Solve. 87.3 + 4.898	
Solve. m – 6 < 48		Write an inequality for the situation: It is at least 36˚ outside today.	
Solve. $\frac{n}{8} = 88$		Write the inequality shown by the graph  	

Wednesday	Wed. Work	Thursday	Thurs. Work
Solve. 7.31 x 0.98		Find the quotient. $\frac{1}{4} \div \frac{3}{5} =$	
If Logan can swim 10 laps in 23 minutes, what would be his expected time for 15 laps?		Label all the quadrants on the coordinate plane.	
Write an expression that represents the product of q and 8, divided by 4.		Write an equivalent expression for 36x + 12	
Martha always tries to exercise at least 30 minutes a day. Write an inequality to represent the number of minutes Martha exercises each day.		Draw a number line to represent the inequality. y < 3	
Find the rule. Solve for n. X: 12, 15, 20, n Y: 7, 10, 15, 17 Rule:		A smaller square is located inside a larger square. The length of the smaller square is 7 cm, and the length of the larger square is 12 cm. Find the area of the section outside the small square, but inside the larger square. 	
Solve. y + 3.8 < 14.7		Find the area of the following shape: $8\frac{1}{2}$ cm $4\frac{1}{2}$ cm 	
Ms. Wilson has a rectangular herb garden that has an area of 8.75 ft². The width of the garden is 2.5 ft, what is the length?		Ms. Joyner has a square bay window at her house. If it has an area of 38.44 in² What is the length of one of the sides?	