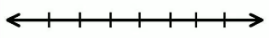
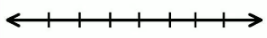
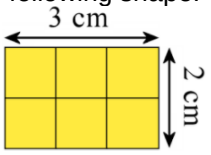
Name:_____ **6th Grade Math Homework** **Jan. 29 – Feb. 2** **Week 21**

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	Mon. Work	Tuesday	Tues. Work
Kathy has ¾ of a yard of fabric. She needs $\frac{3}{10}$ of a yard for each doll dress she makes. How many doll dresses can she make?		Evaluate the expression. $5^2(72-45) \div 5$	
Find the difference. 680.8 – 44.73		What percent of 110 is 44?	
There are 3 puppies and 9 kittens at the pet store today. What is the ratio of kittens to puppies?		The ratio of cats to dogs is 4:5. If there are 20 dogs, how many cats are there?	
There are two balance beams at the gym. One is 15 feet long, the other is 162 inches long. Which beam is longer?		Aria drank 500 milliliters of water after her run. Her best friend, Andrea, drank 0.75 liter of water. Who drank more?	
What is the value of $7(3x -4) + 4^3$, when x = 6?		Solve. $\frac{n}{6} = 12$	
Solve, then graph on the number line. 14 + n ≥ 26		Solve, then graph on the number line. 75 > 5n	
Renting a movie from a Redbox costs $1.29 each night, plus a one-time fee of $0.50. How much would it cost to rent a movie for 3 nights?		UK's Kroger field can hold at least 67,000 people. Write an inequality to represent this statement.	
Solve. ¼ n = 13		Solve. ¾ = 16n	

Wednesday	Wed. Work	Thursday	Thurs. Work
Find the quotient. $\frac{4}{5} \div \frac{2}{12} =$		4 tomatoes cost $3.40. What is the unit rate?	
An eagle is flying 12 feet above sea level and it spots a fish 12 feet below sea level. If the Eagle wants to catch the fish, how far will he fly downward?		At the basketball game, the Wild Cats made 80% of the 95 shots taken. How many shots did they make?	
A cookie recipe states for every 3 cups of flour, 1 ½ teaspoons of vanilla are needed. How many teaspoons are needed for 5 cups of flour?		Solve for x x - 8 = 13	
How many ounces are there in 13.5 pounds?		Solve for h 8h = 112	
Tatiana reads 40 pages of her book every night for x number of nights. Write an expression that represents the number of pages she has read.		Are the two expressions equivalent when x = 6? 4(3x + x) 12x	
Solve for x $\frac{2}{3}$ x = 4		Jonathan worked at McDonalds 20 hours per week and earned $195. Use the equation 20h = 195 to find Jonathan's hourly wage.	
Everyday Luis buys 5 baseball cards every day to add to his collection. If he already had 25 baseball cards before making any purchases, how many will he have on day 20?		Find the area of the following shape. 	
What is the value of 7.5(3x + 4), when x = 7?		What is the perimeter of the shape in the above question?	