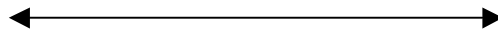


Name \_\_\_\_\_ Period \_\_\_\_\_

Week 20 Study Guide

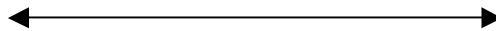
1. Solve and graph the following inequality:

$$m - 6 < 14$$



2. Solve and graph the following inequality:

$$3x \geq 270$$



3. Find the GCF of 12 and 18.

4. Find the LCM of 3 and 7.

5. The Golden State Warriors make an average of 58 out of every 100 shots in a typical game. Write a ratio to compare the number of baskets the Warriors make to the number of baskets they DO NOT make.

6. At a local bookstore, the ratio of nonfiction to fiction books is 3:5. If the bookstore receives a shipment with 27 nonfiction books. How many fiction books can be expected in the shipment?

7. What percent is 28 out of 50?

8. The price for 7 pounds of potatoes is \$5. What is the price per pound?

**Use the coordinate plane to answer numbers 9 & 10.**

9. Plot and label point A (-3, 5)

10. Plot and label point B (2,-4)

