

6th Review #56 – WORK MUST BE SHOWN FOR EACH PROBLEM – NO CALCULATORS

1. Order the following from greatest to least: (*show work to order values*)

45% $\frac{2}{3}$ 0.076 0.2

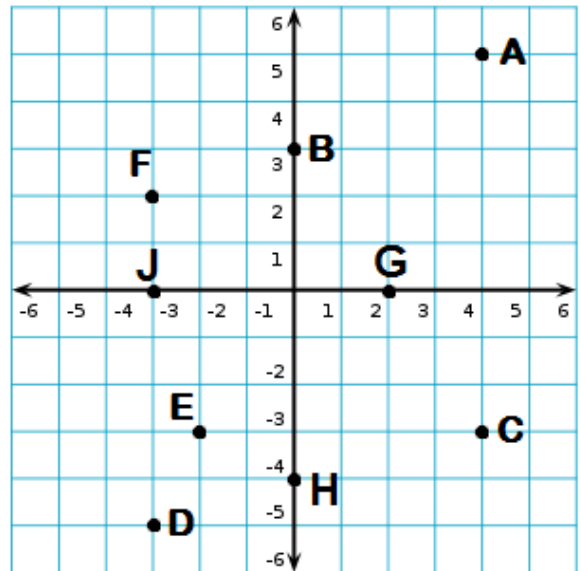
2. What is the ratio of blue Fords to total cars?

Make	Color	Number
Ford	Blue	15
Chevy	Silver	6
Ford	Red	10
Chevy	Blue	5

3. Jerry bought 117.5 pounds of gourmet jelly beans to sell at the fair. If he sells each pound for \$8, how much money will he earn? (*Show how you found the amount*)

Name _____

4. Write the ordered pairs for each point below.



A (,) B (,) C (,)
 D (,) E (,) F (,)
 G (,) H (,) J (,)

5. Circle all of the following which is true? (*Prove which is true*)

A **- 6 = +6** B **| - 6 | = 6**
 C **- 45 > -2** D **0 > -12**

6. Which of the following is true? (*Prove which is true*)

A $8^2 = 8 \cdot 2$
 B $6 \cdot 6 \cdot 6 = 3^6$
 C $10^2 > 3^3$
 D $3^2 = 2^3$

Adv. Review #56 (7th grade SOLs)

SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!

7. The highest recorded temperature in Delaware is 110 degrees Fahrenheit. The lowest recorded temperature is -17 degrees Fahrenheit. What is the difference from the low temperature to the high temperature?

8. The number 256 is a perfect square number. Draw a square in the space provided that proved that 256 is a perfect square.

9. Using problem #8, solve the following:

$$\sqrt{256} = \underline{\hspace{2cm}}$$

10.

What is the value of the expression below?

$$(-4) + 6$$

- A. -10 B. -2 C. 2 D. 10