6th Review #26 – WORK MUST BE SHOWN
FOR EACH PROBLEM – NO CALCULATORS

1.

Which fraction belongs in the box to make the number sentence true?

$$\square > \frac{2}{3}$$

A. $\frac{1}{2}$ B. $\frac{3}{4}$ C. $\frac{2}{5}$ D. $\frac{5}{8}$

2. Which mixed number below is the same as $2\,^{11}/_8$? *(HINT: change the improper fraction)*

A $2\,^3/_8$

B 3

C $3\,^3/_8$

D $2\,^1/_8$

3. Rae collects seals. She has 8 ivory seals, 11 jade seals, and 6 marble seals. If she picks one without looking, what is the probability of her selecting a jade seal written as a decimal number and percent? *(Show how you found the decimal number)*

A   **0.44 or 44%**

B   **0.11 or 11%**

C   **0.25 or 25%**

D   **0.14 or 14%**

Name_____

4. Order the following integers from greatest to least. (*Show how you compared*)

−8, |-13|, 0, 5, |21|

5. Mr. Ratliff bought fish to go into his fish tanks. The ratio of fish to fish tanks was 3:1. If Mr. Ratliff had 8 fish tanks, how many fish did he have? (*Show how you found the **equivalent ratio**)*

A   **3 fish**

B   **8 fish**

C   **24 fish**

D   **30 fish**

6. Use the chart to answer.

Car Color	# of Cars
Red	24
Gold	18
Copper	30
Silver	16

What is the ratio of copper to red cars?

A   24:30   C   18:16

B   30:24   D   16:24
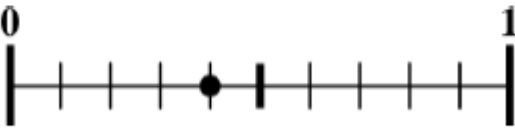
7.

Which of the following does *not* represent 0.4?
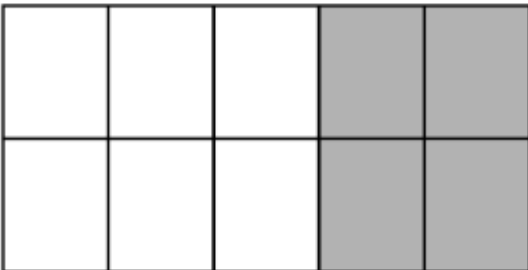
A.

B.

C. **0**   **1**
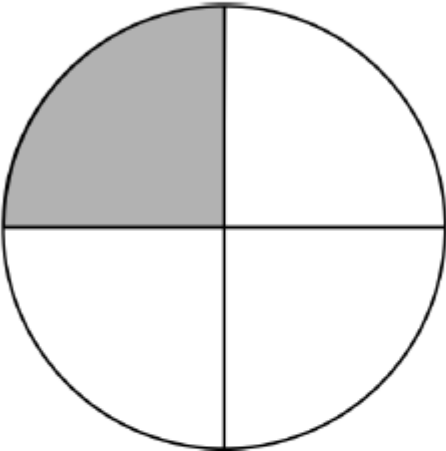
D.

8. Model the following on a number line.
4 + -3 + -9

9. The temperature in a city was 10 degrees Fahrenheit at 9:00. Later that evening, the temperature had decreased 15 degrees. What was the new temperature?

10. Model the following expression with counter chips (+, -); then solve.

-9 + -9