6th Review #25 – WORK MUST BE SHOWN
FOR EACH PROBLEM – NO CALCULATORS

Name_____

1. What percent represents the shaded part of the figure below? (*Show how you found the percent*)

A   4%   C   20%

B   16%   D   25%

2. Which of the following is true? *(Show work)*

A   40% < $\frac{3}{9}$

B $\frac{2}{5}$ = 0.25

C   45% = $\frac{9}{20}$

D   7% > 0.7

3. Mr. Love had to chaperone a dance. There were 22 boys and 18 girls. What was the ratio of the number of students to girls in **simplest form**? (*Show how you found the ratio*)

A $\frac{9}{11}$ C $\frac{11}{9}$

B $\frac{9}{20}$ D $\frac{20}{9}$

4. The team scored 28 points. Jared scored 10 points of those points. Bobby scored 11 of the points and Riley scored the rest of the points. What percent of the points did Riley score? *(Show how you found the fraction and the percent)*

A   7%

B   21%

C   25%

D   28%

5.

Which percent names the amount of the grid that is shaded?

A. 6.3%   B. 7.3%   C. 63%   D. 73%

6. Ms. Henley's classroom has a ratio of girls to boys of 2 to 5. If Ms. Henley has 10 girls in her class, how many boys are there? (*Show how you found the number of boys*)

A   5 boys

B   13 boys

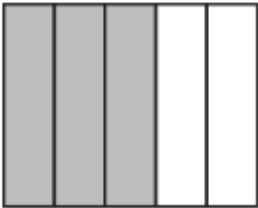C   25 boys

D   30 boys

7.

Josh has painted 0.3 of a fence gray. Which picture shows 0.3 painted?

A.
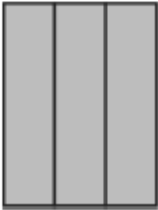
B.

C.

D.

8.

The temperature in a city was 5°C at 10:00. After 5 hours the temperature had decreased 7 degrees. What was the new temperature?

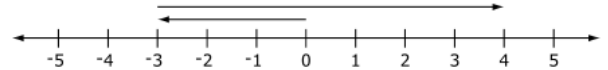A. −12°C   B. −2°C

C. 2°C   D. 12°C

9. Model the following on a number line.
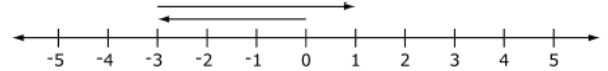
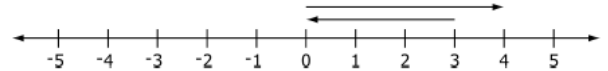**-2 + 4 + -7**

10.

Which shows a model of −3 + 4?

A.

B.

C.

D.