

6th Review #28 – WORK MUST BE SHOWN
FOR EACH PROBLEM – NO CALCULATORS

1. Ms. Evans bought candy for treat bags. The ratio of candy to candy bags was 5:1. If Ms. Evans bought 50 pieces of candy, how many bags would she need? (*Show how you found the **equivalent ratio***)

- A 5 bags**
- B 10 bags**
- C 25 bags**
- D 50 bags**

2. Which of these fractions is smallest? (*Show how you know!*)

- A. $\frac{1}{6}$
- B. $\frac{2}{3}$
- C. $\frac{1}{3}$
- D. $\frac{1}{2}$

3. Circle all of the following that are integers. (*Show how you know they are integers*)

0 -1.5 $\frac{5}{6}$

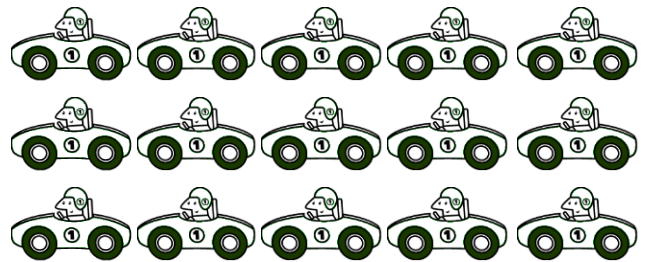
-9 $-\frac{40}{8}$

Name: _____

4. Charlie made a treat bag that had 24 pieces of candy. There were seven jolly ranchers, nine peppermints, and the rest were blow pops. What is the ratio of blow pops to total candy? (*Show work*)

- A 1:2**
- B 1:4**
- C 3:4**
- D 1:3**

5. Ivan had the following model cars below. If $\frac{2}{3}$ of the cars were red, how many were red? (*Show how you found the number of red cars*)



- A 5 red cars**
- B 3 red cars**
- C 10 red cars**
- D 12 red cars**

6. What percent of the pastries in the box are cream cheese? (*Show how you found the percent*)

- A 30%**
- B 6%**
- C 20%**
- D 40%**

Pastries in a Box

Filling	Number
Raspberry	4
Blueberry	3
Cream cheese	6
Apple	7

Adv. Review #28 (7th grade SOLs)

SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!

7.

A football player lost 11 yards on a run. He gained 87 yards on the next run. This expression can be used to determine the total change in the number of yards.

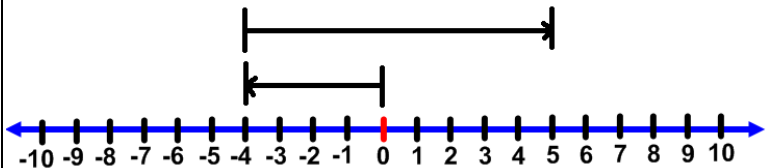
$$-11 + 87$$

What is the total change in the number of yards?

8. Solve the following using a number line.

$$-5 + 10 + -7$$

9. Write the expression that is modeled below.
(Show how you found the expression)



10. Use positive and negative counter chips to model the following expression: then solve.

$$9 + (-5)$$