<u>6th Review #32</u> – WORK MUST BE SHOWN

FOR EACH PROBLEM - NO CALCULATORS

- 1. Jill sold 4 ¹/₄ packs of pencils. Aaron sold 3 ⁵/₈ packs. Brett sold 4 ⁷/₉ packs. Order the amounts sold from least to greatest (*show how you compared the amounts*)
- **A** $4^{1}/_{4}$, $4^{7}/_{9}$, $3^{5}/_{8}$
- B $4^{7}/_{9}$, $4^{1}/_{4}$, $3^{5}/_{8}$
- c $3^{5}/_{8}$, $4^{7}/_{9}$, $4^{1}/_{4}$
- **D** $3^{5}/8$, $4^{1}/4$, $4^{7}/9$
- 2. Sherry bought a bag of 25 muffins. There were 7 bran, 10 banana, and 8 lemon muffins in the bag. What percent represents the probability of picking out a bran muffin without looking from the bag of muffins? (show how you found the fraction & percent)
- A 0.70% C 28%
- B 7% D 35%
- 3. Peter bought 2 packs of erasers. Each pack had 12 erasers. If he gave away ²/₃ of the erasers because they were pink, how many did he have **left**? (*Draw a picture to show how many he had left*)
- A 12 erasers B 16 erasers
- C 8 erasers D 24 erasers

Name_____

- 4. Katrina bought 4 ³/₄ pounds of jelly beans this morning. In the afternoon she ate ½ of what she bought. How many pounds of jelly beans did she eat? (Decide if you should multiply or divide)
- A $2^{3}/8$ pounds
- B $4^{3}/4$ pounds
- C $9^{1/2}$ pounds
- D $5^{3}/8$ pounds
- 5. Write decimal in percent form:

6. Which of the following would be the same as $1 \frac{1}{4} \times \frac{3}{5}$?

A
$$1\frac{3}{20}$$

C
$$1\frac{15}{20}$$

B
$$3\frac{1}{12}$$

D
$$\frac{3}{4}$$

Adv. Review #32 (7th grade SOLs) SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!

7. If the temperature at 12:00 pm was 15 degrees Fahrenheit, and the temperature dropped to -16 degrees at 10:00 pm, how many degrees did the temperature drop?

8. Solve the following.

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

$$-3 + -3$$

10.

Which pair of squares has the same fraction shaded?







