## 6th Review \#32 - WORK MUST BE

 SHOWN
## FOR EACH PROBLEM - NO CALCULATORS

1. Jill sold $4^{1 / 4}$ packs of pencils. Aaron sold $35 / 8$ packs. Brett sold $4^{7 / 9}$ packs. Order the amounts sold from least to greatest (show how you compared the amounts)

A $\quad 4^{1} / 4,4^{7} / 9,3 \frac{5}{8}$
B $\quad 4^{7} / 9,4^{1} / 4,3^{5} / 8$
c $\quad 3^{5} / 8,4^{7} / 9,4^{1 / 4}$
D $\quad 3^{5} / 8,4^{1 / 4}, 4^{7 / 9}$
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 $\mathbf{2 8 \%}$
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 $\qquad$
4. Katrina bought $43 / 4$ pounds of jelly beans this morning. In the afternoon she ate $1 / 2$ of what she bought. How many pounds of jelly beans did she eat? (Decide if you should multiply or divide)

A $\quad 2 \frac{3}{1} 8$ pounds
B $\quad 4^{3} / 4$ pounds
C $\quad 9 \frac{1}{1} 2$ pounds
D $\quad 5 \frac{3}{8}$ pounds
5. Write decimal in percent form:

$$
\begin{aligned}
& .25= \\
& .08= \\
& 1.45= \\
& .9=
\end{aligned}
$$

6. Which of the following would be the same as $1 \frac{1}{4} \times \frac{3}{5}$ ?
A $\quad \mathbf{1} \frac{3}{20}$
C $\quad \mathbf{1} \frac{15}{20}$
B $\quad 3 \frac{1}{12}$
D $\frac{3}{4}$

Adv. Review \#32 (7 ${ }^{\text {th }}$ 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.
$-3(8)=$ $\qquad$
-2(-13) $=$ $\qquad$
1(-9) = $\qquad$
5(5) = $\qquad$
9. Model the following expression with counter chips (+, -); then solve.
$-3+-3$
10.

Which pair of squares has the same fraction shaded?
A.

B.

C.

D.


