<u>6th Review #60</u> – WORK MUST BE SHOWN
FOR EACH PROBLEM – NO CALCULATORS

1. Betty bought 10 $^1/_2$ pounds of candy for the Easter party. She planned on putting 1 $^3/_4$ pounds of candy in each basket. How many baskets will she be able to fill with candy? *(Show how you found the baskets)*

A 8 baskets

B 18 baskets

C 6 baskets

D 12 baskets

2. Barrett bought 64 gallons of ice cream. 20 of the gallons were vanilla, 28 of the gallons were chocolate, and the rest were cherry. What percent represents the fraction of the gallons of cherry ice cream? *(show the fraction and percent)*

A 16%

B 48%

C 33%

D 25%

3. Jamie earned $80 this summer babysitting. Her sister earned $60 this summer mowing lawns. They decided to save $^1/_4$ of their earnings and put it in a joint bank account. How much total money will they be able to put in their bank account? *(Show how you found the total money)*

Name_____

4. Which of the following shows 35% written as a fraction and a decimal? *(Show how you found the fraction & decimal)*

A **$\frac{35}{100}$, 0.035**

B **$\frac{6}{25}$, 0.35**

C **$\frac{7}{20}$, 0.35**

D **$\frac{7}{20}$, 0.035**

5. Order from greatest to least (SHOW WORK!):

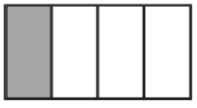
75% **$^5/_8$** **0.089** **0.5**

6.

Ed saves 25% of his allowance. Which picture is 25% shaded?

A.

B.



C.

D.

Adv. Review #60 (7th grade SOLs)
SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!

7. The highest EVER RECORDED temperature on Earth was 134 degrees Fahrenheit in Death Valley, California in 1913. The lowest EVER RECORDED temperature on Earth was -128.6 degrees Fahrenheit in Antarctica at the Vostok Station in 1983. What is the difference from the lowest temperature to the highest temperature on Earth?

8. The number 289 is a perfect square number. Draw a square in the space provided that proved that 289 is a perfect square.

9. Using problem #8, solve the following:

$\sqrt{289}$= _____

10. If a submarine is 134 feet below sea level, and then it rises 68 feet, what is it's new location below sea level?