

**Review #75 – WORK MUST BE SHOWN
FOR EACH PROBLEM – NO CALCULATORS**

Name _____

1. Emma has a triangular wall that she wants to paint. The wall has a base of 12 feet and a height of 9 feet. How many square feet will she need to cover with paint? (*Model the figure; write & use the formula to solve*)

4. Marquis had 7 raspberry, 3 blueberry, 6 cream cheese, and 4 lemon pastries in a box. If he randomly picks one without looking, what percent represents the probability of pulling out a raspberry pastry? (*Show how you found the fraction and turned it into a percent*)

- A 7%
B 35%
C 13%
D 54%

2. Compare the following: (*Show how you compared the following*)

- 16 _____ - 6

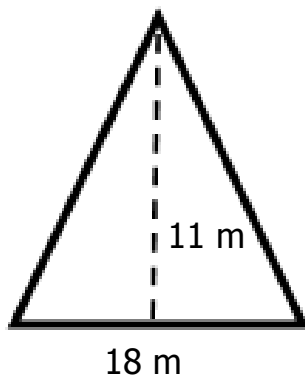
8 _____ -22

- 4 _____ 0

5. Which of the following is true? (*Show how you compared the numbers*)

- A $\frac{5}{8} > \frac{3}{4}$
B $\frac{3}{5} < 0.09$
C $45\% < 0.7$
D $64\% > 0.08$

3. Find the number of square units that cover the figure below. (*Show the formula & use the formula to solve*).



6. Evaluate the following expressions: (*Show GEMDAS and work*)

$$7^2 + (9 - 5)^2 \div 8 \bullet 3$$