

Directions:

- 1) Erwin Middle School has 500 boys. $33\frac{1}{3}\%$ of the students are girls. How many students go to this school?

- 2) Simplify the following expressions:

a) $5 \cdot 3 + (-1) - 2(-6)$

b) $\frac{1}{2}(-6)(4 + 10)$

c) $(7 - 2)^2 - 5 \div 5$

- 3) Write an expression for the area AND perimeter of each figure:

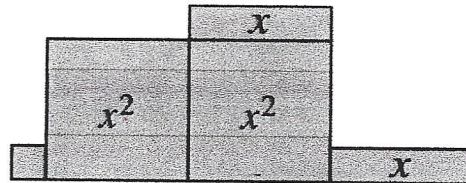
a)



A =

P =

b)



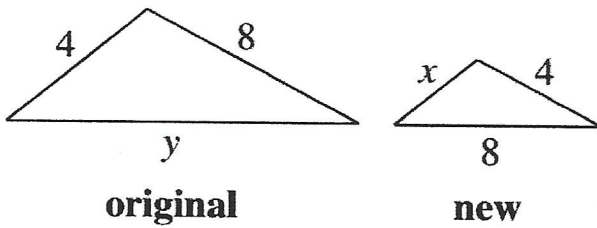
A =

P =

- 4) The number of girls in the Middle School Cyber Club was 6 more than double the number of boys. There were a total of 48 middle school students in the Cyber Club. Use the 5-D process to find the number of boys and girls in the club.

5) Three consecutive integers have a sum of 48. Use the 5-D process to find the integers.

6) Find the missing values in the figures below:



7)

