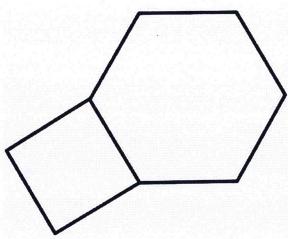
## Bellwork Wednesday, March 28, 2018

- 1. There are 24 students ina class.
- a) How many ways could President, Vice-President, and Secretary be assigned?
- b) How many ways could a committee of 3 students be picked to meet with the principal?
- 2. How many different arrangements of the letters in the word TENNESSEE are there?
- 3. There are 25 people in a jury pool
- a) A jury of 12 members must be selected from that jury pool. How many different juries are possible?
- b) After the jury is selected a Foreman and an Assistant Forman must be selected. How many ways can this be done?
- 4. You are going to make a smoothie and have the following ingredients to put into the blender: Strawberries, Blueberries, Oranges, Peaches, Apples, and Mangos. If the blender can only hold three of these ingredients at once, how many different smoothies are possible?
- 5. The figure below shows a regular hexagon with sides of length a and a square with sides of length a. If the area of the hexagon is  $384\sqrt{3}$  square inches, what is the area, in square inches, of the square?
- A) 256
- B) 192
- C)  $64\sqrt{3}$
- D)  $16\sqrt{3}$



ALG 2B Bellwork ANSWERS

WED 3-28-18

