

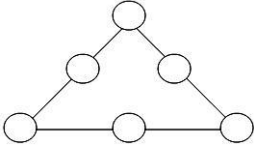
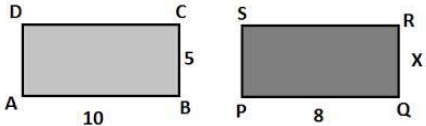
Name: _____

November Choice Board



DUE: NOVEMBER _____

Directions: You must do 2 of each assignment. Each is worth 50 points and together add up to a test grade for the month. Answer them on a separate sheet of paper showing all work and attach both sheets to this paper.

<p>Magic Squares</p> <ul style="list-style-type: none"> • Create 3 figures below. • Use numbers 1-6. The sum adds to 9, 10, 11 	<p>~Create a flag for your Math class. One half of it must be red. One quarter must be green and there must be three blue stars in the remaining quarter. There should be a bolded M in the top left corner.</p> <p>~Create a flag for your Social Studies class. One third is green and blue. One third is black and white stripes. The last third has a red SS in the bottom left portion of the strip.</p> <p>~Create a flag for science that has blue bubbles in a circle that is in a square that is colored green only. Place a S in the middle of one of the bubbles.</p> <p>~Create a flag for Language Arts that is colored purple, yellow, and orange respectively in one quarter of the flag. Place a polka dotted L and striped A in a brown booklike in the middle of the whole flag. Color the bottom half black.</p>	
<p>December is National Sandwich Month. How many different sandwiches can you make with the following center ingredients: (you do not have to use them all each time)</p> <ul style="list-style-type: none"> • Tomatoes • Lettuce • Pickles • Ham • Cheese 	<p>Define and show an example of:</p> <ul style="list-style-type: none"> • Ratio • Unit rate • Unit price • Cross products • Similar • Corresponding sides • Corresponding angles • Dilation • Center of dilation • Scale factor 	<p>You want to make a photo collage. The picture you have is 5 by 10 inches long. You double, triple, half, and quarter the picture. Name the dimensions for each new dimension. Then solve the relationship below.</p> 
<p>Create a Star using the following points: A (1,1), B (4,1), C (0,4), D (2,6), and E (4,4)</p> <ul style="list-style-type: none"> • flip it over the y-axis and label the new parts. • flip it over the x-axis and label the new parts. 	<p>Decide whether or not the statements are true or false. If false, rewrite the sentence to make it true.</p> <ol style="list-style-type: none"> 1. A number raised to a negative power is always negative. 2. The sides a and b are not interchangeable in a right triangle. 3. An irrational number is made from decimals only. 4. Powers raised to a power represent addition of exponents. 	<p>Write down 15 facts you know about triangles or rectangles.</p>

