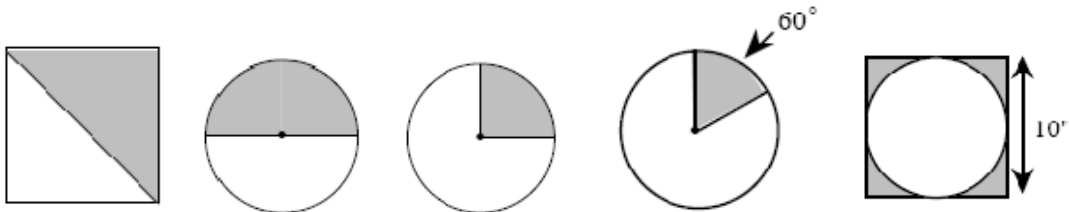
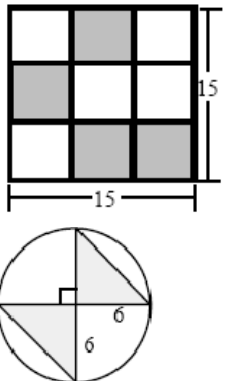
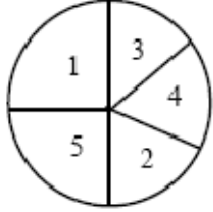
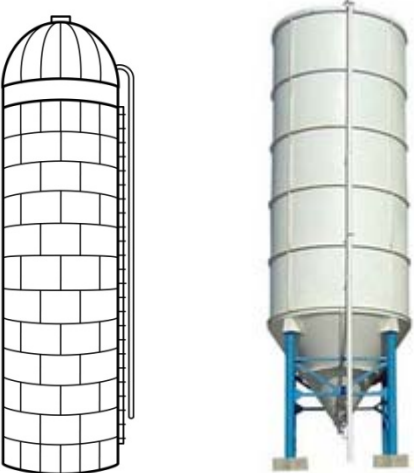


DO NOWS for Week of February 27, 2012

<p>Monday MATH Geometric Probability</p>	<p>For each of the dart boards below, calculate the probability of getting a dart in the shaded region if you hit the board. All the circles are congruent and all the squares are congruent.</p> 
<p>Tuesday Geometric Probability</p>	<p>1. A square is divided into nine congruent squares as shown at right.</p> <p>a) What fraction of the area is shaded?</p> <p>b) If this is a dart board, what is the probability that a randomly thrown dart that is sure to hit the board, will hit a shaded square?</p> <p>2. When throwing a dart at random at the board shown at right, what is the probability of hitting the shaded portion?</p> 
<p>Wednesday Geometric Probability</p>	<p>In the spinner at right, the numbers give the point value for landing in each of the regions. Regions 1 and 5 are each one-fourth of the circle. Regions 2, 3, and 4 are all congruent.</p> <p>a) What is the probability of the spinner stopping in each of the regions?</p> <p>b) If the spinner is spun 100 times, how many times would you expect each number to come up?</p> <p>c) How many points would you expect to have after 100 spins?</p> <p>d) What is the expected value for each spin?</p> 
<p>Thursday Formula Sheet</p>	 <p>Part 1 Find the volume of each silo if they both have the same dimensions.</p> <ul style="list-style-type: none"> - The total height of each silo is 230 feet - The height of the tower portion for each silo is 200 feet - Diameters of each silo are 60 feet <p>Part 2 Find the surface area of the same silos.</p>
<p>Friday Formula Sheet</p>	<p>(1) A silo, shaped like the above silo at left, has a volume of 450,000 cubic feet. If the radius measures 30 feet, find the total height of the silo.</p> <p>(2) Find the surface area of this silo.</p>