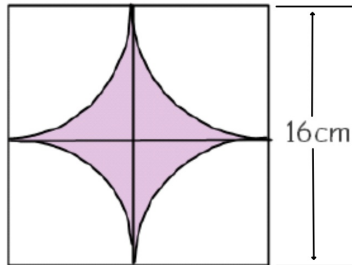


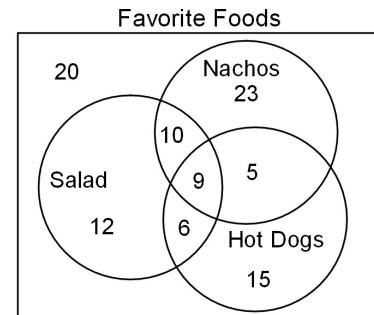
Bellwork Thursday, May 8, 2014

4. A dart lands somewhere on the square target. Find the probability that it lands in the shaded region. Give answer as a percent to the nearest tenth.



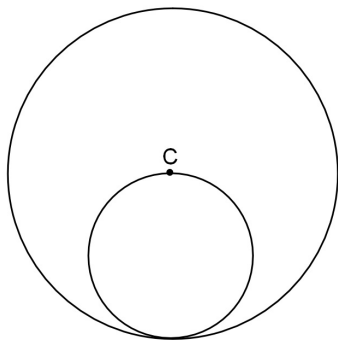
2. The Venn Diagram below shows favorite foods.

You will select a student at random, find each probability as a fraction.



- a) $P(\text{likes Hot Dogs or Nachos})$
- b) $P(\text{likes Salad but not Nachos})$
- c) $P(\text{Likes only Nachos})$
- d) $P(\text{likes Nachos and Salad but not Hot Dogs})$
- e) Write a probability whose answer is $15 + 5$

3. Find the probability that a point picked at random is inside the small circle given the fact it must be inside of the large circle. Pt C is the center of the large circle.



4. ABCD is a square and points M and N are midpoints. Find the probability if a dart lands inside the square it would land inside triangle MNC. Give your answer as a fraction.

