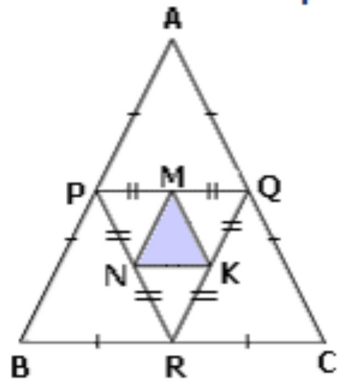
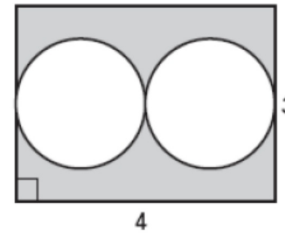


Bellwork Wednesday, May 7, 2014

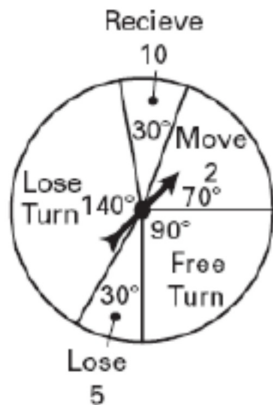
1. A dart is thrown at $\triangle ABC$. What is the probability that it lands on shaded portion MNK? Give your answer as a fraction.



2. If you pick a point at random inside the rectangle, then find the probability that it is in the shaded area. Give your answer as a percent to the nearest hundredth.



3. The spinner below is used in a board game. Find the probability that on the next spin it lands on the Lose Turn space. Give your answer as a fraction.



5. A play has 12 actors. The front of the program has room for only 7 of the actors names. How many ways can the names of 7 the actors names be listed on the front of the program?

6. You want to create a new health drink that has a mixture of fruits and vegetables. There are 6 vegetables and 7 fruits to choose from.

a) How many drinks can you create if you just choose 3 vegetables?

b) How many drinks can you create if you just choose 4 fruits?

c) How many drinks can you create if you choose 3 vegetables **and** 4 fruits?