Name: _____   Date: _____

Learning Goal 9.1	I can calculate probabilities.

1. Determine the following probabilities if you are considering the roll of a single 6-sided die. Write your answers in lowest terms.
   a. $P(5)$

   b. $P(1)$

   c. $P(\geq 5)$
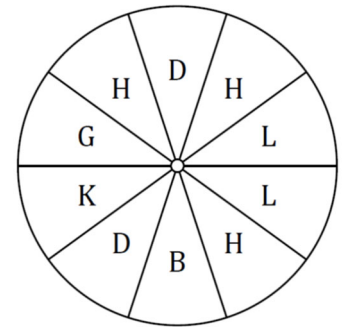
   d. $P(< 3)$

   e. $P(\leq 3)$

   f. $P(\geq 1)$

2. Calculate the following probabilities if you are considering a single spin of the following spinner. Write your answers in lowest terms.
   a. Landing on an H.

   b. Landing on an L.

   c. Landing on a G.

   d. Not landing on an H.

   e. Landing on a G or an L.

   f. Landing on any letter in the word HOLD.

3. Calculate the following probabilities if you are considering a single spin of the following spinner. Write your answers in lowest terms.

   a. Landing on a beetle.

   b. Landing on a porcupine.

   c. Landing on a snail.

   d. Landing on a porcupine or a snail.

   e. Landing on an animal without legs.   f.   Landing on an animal with a tail.