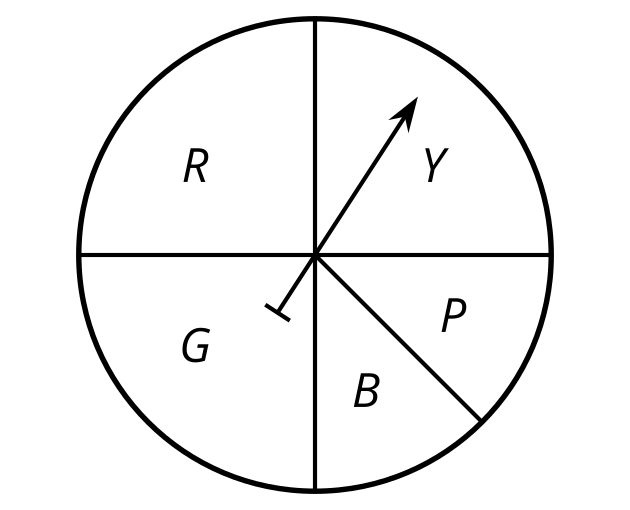
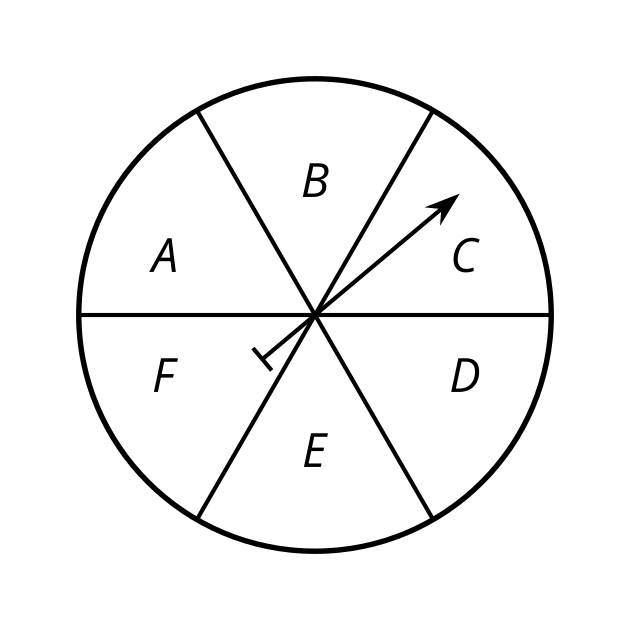
### Lesson 2 Practice Problems

1. Six papers are placed in a bag with names written on them. The names are: Lin, Mai, Mai, Noah, Priya, and Priya. If one name is chosen at random, what is the probability that it is Priya?
2. Select **all** of the words for which the probability of selecting the letter E at random is .
   1. THE
   2. BEST
   3. SNEEZE
   4. FREES
   5. SPEECH
3. Design a situation where the probability of one event is and another event is . Explain your reasoning.
4. What is the probability of the spinner landing on the section labeled B?

* 
* (From Unit 8, Lesson 1.)

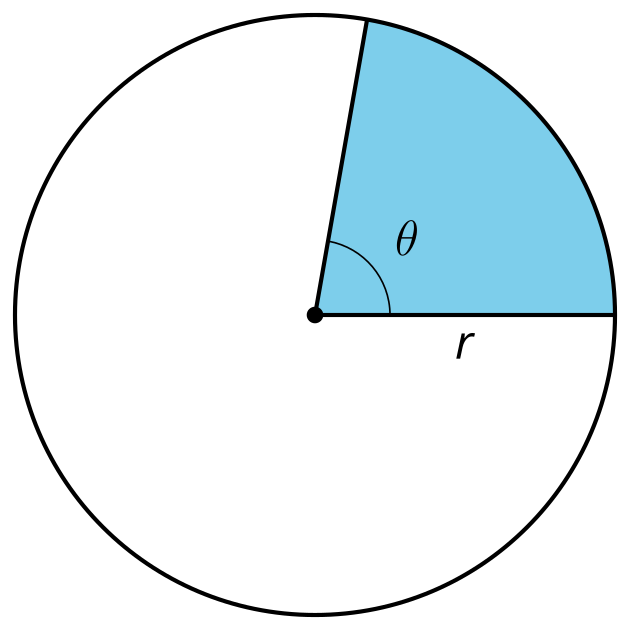
1. This spinner is spun 300 times. Estimate the number of times it would be expected to land on the section labeled B.

* 
* (From Unit 8, Lesson 1.)

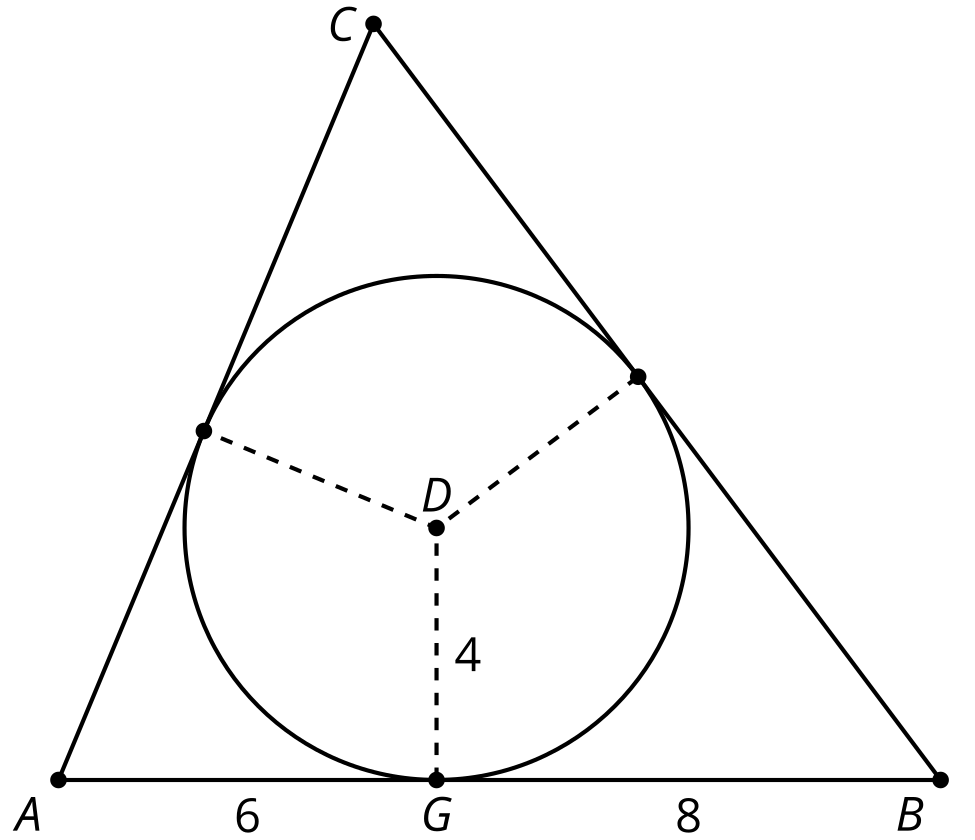
1. A circle has radius 5 units. For each angle measure, find the area of a sector of this circle with that central angle.
   1. radians
   2. 3 radians

* (From Unit 7, Lesson 13.)

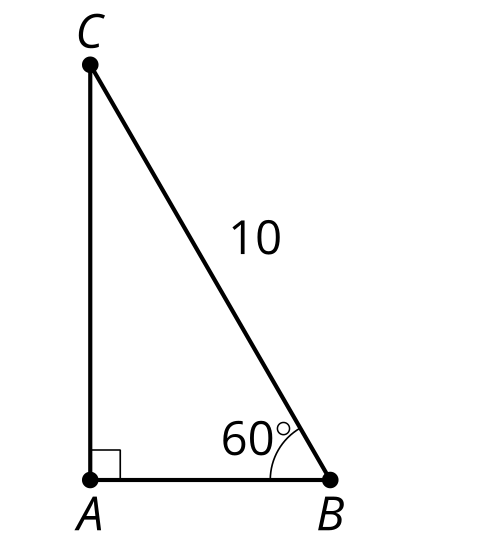
1. Select **all** formulas that could be used to find the area of this sector. The angle is measured in radians.

* 
* (From Unit 7, Lesson 13.)

1. Triangle is shown with an inscribed circle of radius 4 units centered at point . The inscribed circle is tangent to side at point . The length of is 6 units and the length of is 8 units. What is the measure of angle ?

* 
  1. 60 degrees
  2. 30 degrees
* (From Unit 7, Lesson 7.)

1. Select **all**the true statements.

* 
  1. Angle is 30 degrees.
  2. Side is 5 units.
  3. Side is 5 units.
  4. Side is units.
  5. Side is units.
* (From Unit 4, Lesson 3.)



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