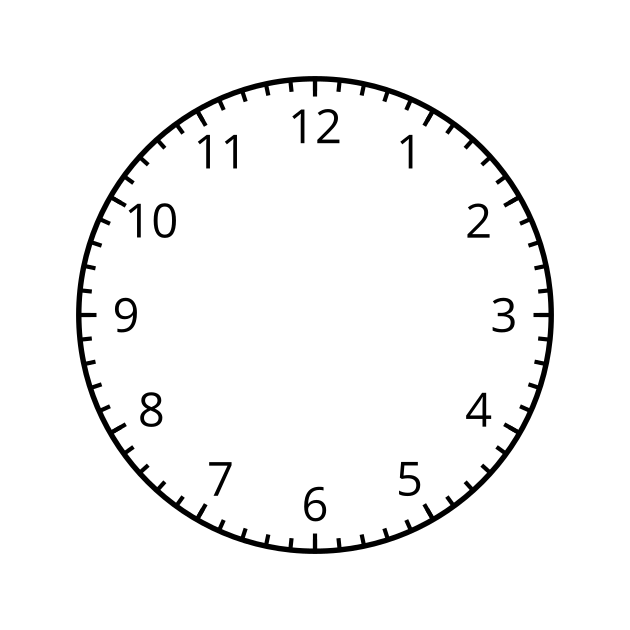
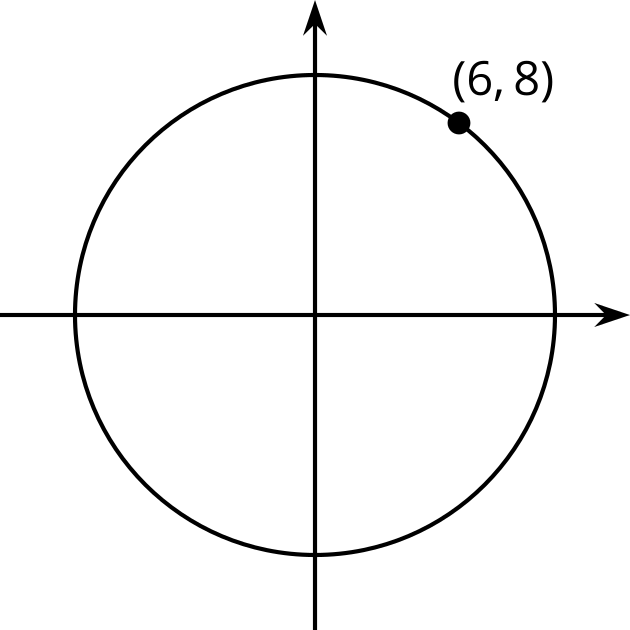
### Lesson 1 Practice Problems

1. Here is a clock face. For each time given, name the number the second hand points at.
   1. 15 seconds after 1:00.
   2. 30 seconds after 1:00.
   3. 1 minute after 1:00.
   4. 5 minutes after 1:00.

* 

1. At 12:15, the end of the minute hand of a clock is 8 feet above the ground. At 12:30, it is 6.5 feet off the ground.
   1. How long is the minute hand of the clock? Explain how you know.
   2. How high is the clock above the ground?
2. Here is a point on a circle centered at .

* Which equation defines the circle?
* 

1. The point is on a circle centered at . Which of these points lie on the circle? Select **all** that apply.
2. Match each polynomial with its end behavior as gets larger and larger in the positive and negative directions. (Note: some of the answer choices are not used and some answer choices may be used more than once.)
   1. The graph approaches .
   2. The graph approaches .
   3. The graph approaches .
   4. The graph approaches .
   5. The graph approaches .
   6. The graph approaches .
   7. The graph approaches .

* (From Unit 2, Lesson 19.)

1. Find the solution(s) to each equation.

* (From Unit 3, Lesson 18.)



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