

CIRCLES

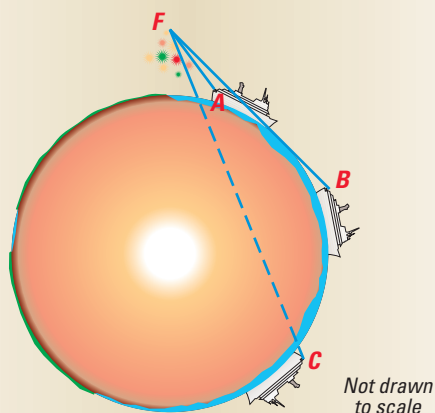
► *From how far away can you see fireworks?*



CHAPTER 10

APPLICATION: Fireworks

If you watch fireworks as you sail out to sea on a clear night, the fireworks will gradually disappear over the horizon.



Think & Discuss

1. As you sail away, at which point do the fireworks disappear over the horizon? **B**
2. Imagine that the surface of the water is perfectly smooth. How many points of intersection do \overline{FB} and the circle have when the fireworks disappear? **1**
3. The diagram is not drawn to scale. How would the diagram be different if it were to scale?

The fireworks would be closer to Earth and the ships would be smaller and closer together.

Learn More About It You will learn more about fireworks in Exercise 35 on p. 625.



APPLICATION LINK Visit www.mcdougallittell.com for more information about fireworks.

