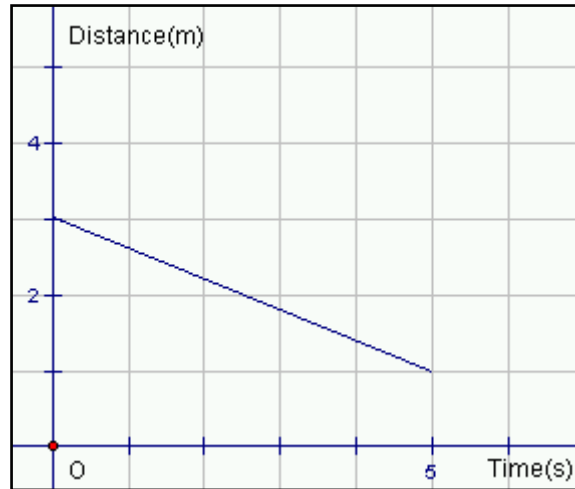


**MATC9 Ch07.1 Key Concepts 4**  
**Worked Example**

**Speed on Distance versus Time Graphs**

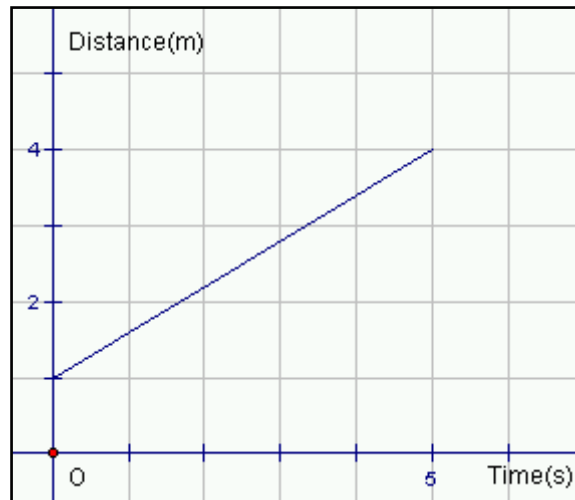
**Example:** Study the graph shown. Does the graph show motion toward or motion away from the motion sensor? Explain how you know.

**Solution:** The distance is decreasing as the time is increasing. Therefore, the motion is toward the motion sensor.

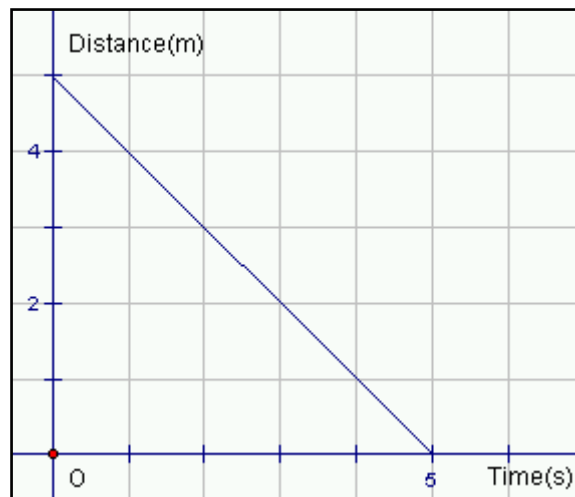


**Practice:**

**1.** Study the graph shown. Does the graph show motion toward or motion away from the motion sensor? Explain how you know.



**2.** Study the graph shown. Does the graph show motion toward or motion away from the motion sensor? Explain how you know.



Answers: 1. away from 2. towards