

BLM 10-1, Describing Position-Time

Graphs/Reinforcement Goal: Students describe the motion represented on a position-time graph.

Answers:

- A. The dog moves away slowly at a constant speed of 1.5 m/s to the right.
- B. It stops at 8.0 m for 2.0 s.
- C. It moves back toward its owner at a constant speed of 2.7 m/s to the left.
- D. It stops for 2.0 s next to its owner.
- E. It moves left from its owner at a constant speed of 0.5 m/s.
- F. It moves farther to the left of its owner at a constant speed of 2.5 m/s.
- G. It moves back toward its owner at a constant speed of 1.0 m/s to the right.