Lesson 7: Comparing Linear Functions and Graphs

Exit Ticket

Brothers Paul and Pete walk 2 miles to school from home. Paul can walk to school in 24 minutes. Pete has slept in again and needs to run to school. Paul walks at a constant rate, and Pete runs at a constant rate. The graph of the function that represents Pete’s run is shown below.

a. Which brother is moving at a greater rate? Explain how you know.

b. If Pete leaves 5 minutes after Paul, will he catch up to Paul before they get to school?