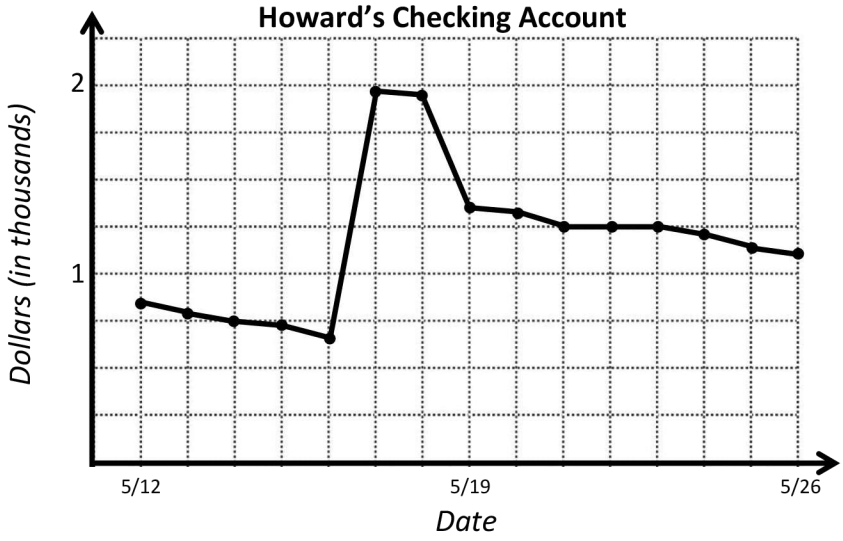
Name _____ Date _____

1. The line graph below tracks the balance of Howard's checking account, at the end of each day, between May 12 and May 26. Use the information in the graph to answer the questions that follow.



a. About how much money does Howard have in his checking account on May 21?

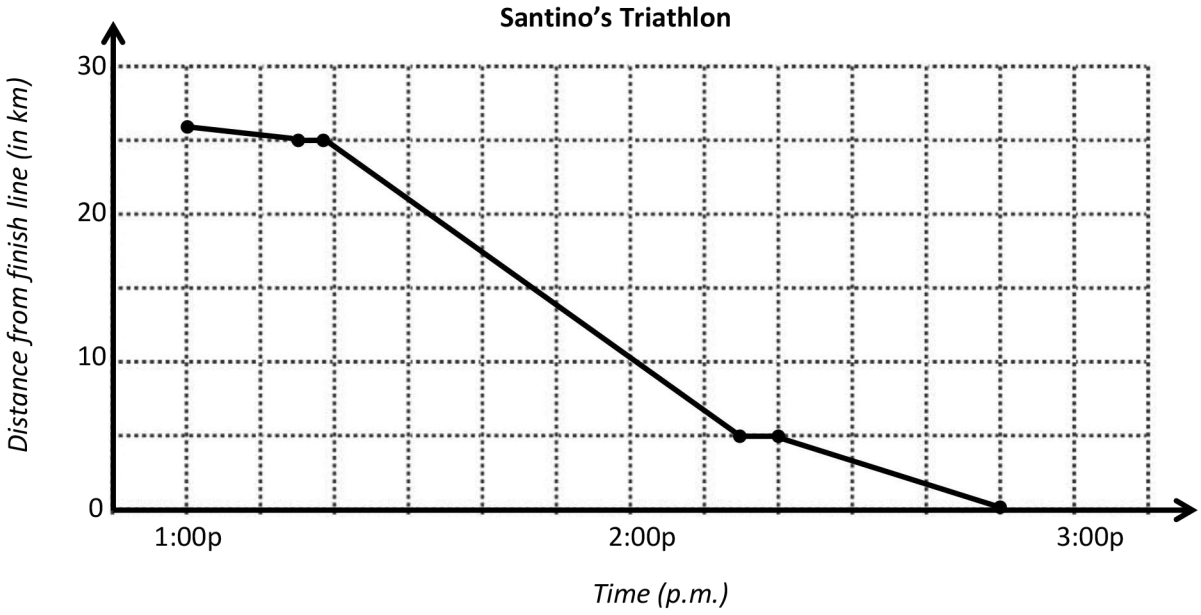
b. If Howard spends $250 from his checking account on May 26, about how much money will he have left in his account?

c. Explain what happened with Howard's money between May 21 and May 23.

d. Howard received a payment from his job that went directly into his checking account. On which day did this most likely occur? Explain how you know.

e. Howard bought a new television during the time shown in the graph. On which day did this most likely occur? Explain how you know.

2. The line graph below tracks Santino's time, at the beginning and end of each length of a triathlon. Use the information in the graph to answer the questions that follow.



a. How long does it take Santino to finish the triathlon?

b. To complete the triathlon, Santino first swims across a lake, then bikes through the city, and finishes by running around the lake. According to the graph, what was the distance of the running portion of the race?

c. During the race Santino pauses to put on his biking shoes and helmet, and then later change into his running shoes. At what times did this most likely occur? Explain how you know.

d. Which part of the race does Santino finish most quickly? How do you know?

e. During which part of the triathlon is Santino racing most quickly? Explain how you know.

Answer Key

1. a. $1,250
   b. ~$875
   c. Answers will vary.
   d. May 16; answers will vary.
   e. May 18; answers will vary.

2. a. 1 hour 50 minutes
   b. 5 km
   c. ~1:15–1:17 and ~2:14–2:20; answers will vary.
   d. Swimming portion; answers will vary.
   e. Biking portion; line is steepest at bike race