Grade 8 - Benchmark 1
Constructed Response

Solve the problem below. Show your work in the box.

The graph shown below represents a person’s round trip walk to a store, starting from home. Which of the following best describes the 45-minute trip?

A. The person walked uphill, then on a flat surface, then downhill.
B. The person walked toward the store, then walked back home.
C. The person walked uphill, stopped, then walked downhill back home.

Answer: B

Distance From Home (blocks)

5
4
3
2
1

5 10 15 20 25 30 35 40 45 50

Time (minutes)

Explain what helped you make your decision.

The person walked to the store and then walk back home.
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Answer: A.

![Graph showing distance from home over time with five points labeled as follows: 1. Walked up the hill, 2. On flat surface, 3. Down the hill, 4. Walked up the hill, 5. Stop.]

Explain what helped you make your decision.

I read the sentences and compare the clues w/ the picture.
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C. The person walked uphill, stopped, then walked downhill back home.

Answer: C

The graph shows that the person walked 5 blocks then because the line stays at 5 blocks it shows that person stopped for a while. After they stopped they went back home and that's why the line decreases.
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Answer: B

Explain what helped you make your decision.
The reason I chose B was because it says the person walked to a store. It did not say that the person walked up a hill, down a hill, or on a flat surface. The graph is shaped like a hill but it doesn’t mean someone walked on one. It represents the distance and time.
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Answer: **B**

Explain what helped you make your decision.

My decision was letter B. I chose B because on the chart it had a horizontal line. It stayed on the same distance and time was passing by. Then the line start going back down, which mean the person went back home because the distance went back to zero.
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Answer: B

![Graph showing distance from home over time]

Explain what helped you make your decision.

I picked B because the person walks 5 blocks to the store and then made his way back home in 5 blocks.