| Aldine 9: Algebra Homework #18 | Assigned | Due |
|---|---|---|
| www.aldine9math.weebly.com | A: 10/22 Wed | A: 10/24 Fri |
| Name:                Period: | B: 10/23 Thurs | B: 10/27 Mon |

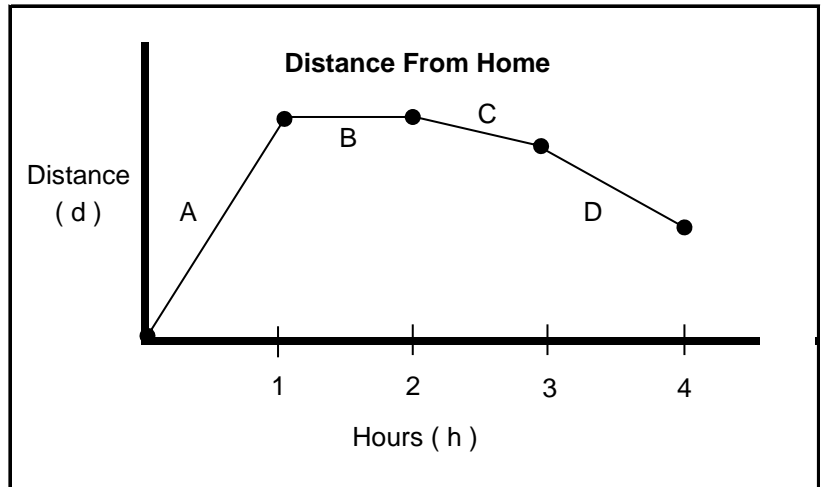**Use the graph on the right to answer the questions below.**

**1)** Which segment (A, B, C, D) represents you moving AWAY from home?

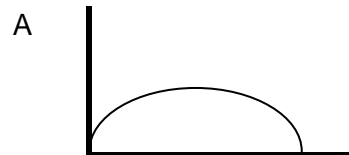**2)** Which 2 segments (A, B, C, D) represent you moving TOWARDS home?

**3)** Which segment (A, B, C, D) represents you NOT moving?

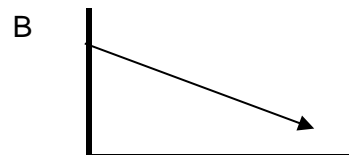**4)** Which segment (A, B, C, D) shows you moving the fastest?

**5)** Which segment (A, B, C, D) shows you moving the slowest?

**Distance From Home**

Distance ( d )

Hours ( h )

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**Draw a line from the description to the graph that best represents that description.**
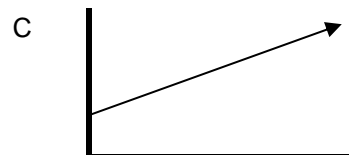
**6)** Adding money to a savings account with a starting balance of $100.

A

**7)** Amount of money you have left from $200 as you buy Christmas presents at the mall.

B

**8)** The height of a soccer ball after it is kicked by a player.

C

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**Does the table represent a function? Circle Yes or No**

**9)** ( yes / no )

| x | y |
|---|---|
| 1 | 21 |
| 2 | 41 |
| 3 | 61 |
| 4 | 81 |
| 5 | 101 |

**10)** ( yes / no )

| x | y |
|---|---|
| 1 | 4 |
| 2 | 5 |
| 4 | 7 |
| 2 | 5 |
| 9 | 12 |

**11)** ( yes / no )

| x | y |
|---|---|
| -1 | 6 |
| 0 | 5 |
| 1 | 6 |
| 3 | 14 |
| 4 | 21 |

**12)** ( yes / no )

| x | y |
|---|---|
| 0 | 4 |
| 1 | 5 |
| 4 | 8 |
| 0 | 5 |
| 8 | 12 |