Name: Date:

**Math 10: Functions and Relations 6.2 Check in**

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| **Learning Target** | **Break down** | **Assessment** | **Overall** |
| I can communicate relationships among data | I can describe a possible situation for a given graph and sketch a possible graph for a given situation |  |  |
| I can state the domain and range of a function in a contextualized situations and state whether it is a function or not |  |
| I can identify and represent linear relations in using graphs tables and equations |  |
| I can use rate of change to describe the graph of a linear function |  |
| I can use intercepts to describe the graph of a linear function |  |

***Learning Target****: I can describe a possible situation for a given graph and sketch a possible graph for a given situation.*

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| 1. The graph shows the speed of a windsurfer as a function of time.

1. How long did the windsurfer travel at a speed of 45 km/h? \_\_\_\_\_\_\_\_\_\_
2. How long did the windsurfer’s ride last?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1. Why are these points connected?
 | 1. This graph shows the speed of a hot air balloon, *s*, as a function of time, *t*.

1. Identify the independent variable: \_\_\_\_\_\_\_\_
2. Identify the dependent variable: \_\_\_\_\_\_\_\_\_\_
 |
| 1. This graph represents a day trip from Vancouver to Hope, B.C. The distance between Vancouver and Hope is approximately 150 km.

 1. Describe the journey for Segment O-A
2. Describe the journey from segment D-E.
3. Describe the journey from segment C-D.
4. How long did the day trip take?
5. What are the dependent and independent variables?
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