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? | |