

**5.1B & 5.1C Proportional & Nonproportional Relationships**

**Proportional Relationship** - when two or more ratios or rates are equal.

**Nonproportional Relationship** - when two or more ratios or rates are not equal.

**Ex.1:** Determine whether a proportional relationship exists between the two quantities shown in the graph or table below. Explain your reasoning.

A.

Time (s)	Distance (m)
$x$	$y$
1	20
2	40
3	60
4	90

B.

