

## 5.6 - Properties of Linear Relations

5.6 - Properties of Linear Relations Monday, November 27, 2017 6:53 PM A linear relation means that a constant change in variable causes a constant change in the dependent varia we can see this using: cost (B distance (Km) () A table of values ("T" chort) 60 O 100 160 100 Jame charge 170 each 14 ŊÛ 7.ne L' concient 100 100 ... () set of ordered (0,60), (100, 50), (200,100), (300,12) Dairs 20 20 3 A graph: A Gra 140 relatio 120 line . Cost 100 (B)

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10:50 AM

rate of change = 
$$\frac{change in dependent variable}{change in independent variable}$$
  
The function of the above graph can be given by:  
 $C = 0.2d + 60$  initial  
 $dependent$  rate of  $distance$  amount.  
 $\frac{1}{distance}$  initial  
 $\frac{1}{distance}$  amount.  
 $\frac{1}{distance}$  is the initial  
 $\frac{1}{distance}$  is the initial of the function is  $(Ex: y = 2x + 1)$   
 $O$  Table of values.  
 $\frac{x + y(2x+1)}{2}$  is the initial of the initia

