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Rate	Time (hrs)	Distance		
40	1	40		
40	2	80		
40	3	120		
40	4	160		

How can we use this information to create an equation?

Look at the key idea on your notes page.

 **Key Idea**

Distance Formula

Words To find the distance traveled d , multiply the speed r by the time t .

Algebra $d = rt$

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Rate	Time (hrs)	Distance	$d = rt$	Ordered Pair (t, d)
40	1	40	$d = 40(1)$	(1, 40)
40	2	80	$d = 40(2)$	(2, 80)
40	3	120	$d = 40(3)$	(3, 120)
40	4	160	$d = 40(4)$	(4, 160)

