



Math worksheet on 'Cartesian Grid - Vector from Direction (Angle) (Level 1)'. Part of a broader unit on 'Cartesian Grid Basics - Intro'

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**2** Find the (x,y) change that the given direction would be

Right 2, Up 2

<b>a</b>	(2,-2)	<b>b</b>	(2,2)
<b>c</b>	(2,3)	<b>d</b>	(1,2)
<b>e</b>	(2,1)	<b>f</b>	(-2,2)

**4** Find the (x,y) change that the given direction would be

Right 1, Up 5

<b>a</b>	(2,5)	<b>b</b>	(1,6)
<b>c</b>	(1,5)	<b>d</b>	(1,-5)
<b>e</b>	(5,-1)	<b>f</b>	(-1,5)

**6** Find the (x,y) change that the given direction would be

Right 4, Up 1

<b>a</b>	(4,2)	<b>b</b>	(1,4)
<b>c</b>	(5,1)	<b>d</b>	(1,-4)
<b>e</b>	(-4,1)	<b>f</b>	(4,1)

**1** Find the (x,y) change that the given direction would be

Right 3, Up 1

<b>a</b>	(3,-1)	<b>b</b>	(3,1)
<b>c</b>	(1,-3)	<b>d</b>	(-1,3)
<b>e</b>	(3,2)	<b>f</b>	(1,3)

**3** Find the (x,y) change that the given direction would be

Right 3, Up 3

<b>a</b>	(4,3)	<b>b</b>	(3,-3)
<b>c</b>	(-3,3)	<b>d</b>	(3,2)
<b>e</b>	(2,3)	<b>f</b>	(3,3)

**5** Find the (x,y) change that the given direction would be

Right 3, Up 5

<b>a</b>	(-3,5)	<b>b</b>	(3,6)
<b>c</b>	(5,-3)	<b>d</b>	(4,5)
<b>e</b>	(3,5)	<b>f</b>	(3,-5)

**7** Find the (x,y) change that the given direction would be

Right 1, Up 1

<b>a</b>	(1,1)	<b>b</b>	(1,2)
<b>c</b>	(1,-1)	<b>d</b>	(2,1)
<b>e</b>	(-1,1)	<b>f</b>	(0,1)