



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

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

<b>a</b> (-1,0)	<b>b</b> (-3,0)
<b>c</b> (0,2)	<b>d</b> (-2,1)
<b>e</b> (-2,0)	<b>f</b> (2,0)

Left 2

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

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

Right 1

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

<b>a</b> (-3,0)	<b>b</b> (-3,-1)
<b>c</b> (-2,0)	<b>d</b> (3,0)
<b>e</b> (-3,1)	<b>f</b> (0,-3)

Left 3

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

<b>a</b> (3,0)	<b>b</b> (0,-3)
<b>c</b> (0,-4)	<b>d</b> (1,-3)
<b>e</b> (-1,-3)	<b>f</b> (-3,0)

Down 3

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

<b>a</b> (4,0)	<b>b</b> (0,-4)
<b>c</b> (0,4)	<b>d</b> (-4,0)
<b>e</b> (-3,0)	<b>f</b> (-4,-1)

Left 4

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

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

Down 1

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

<b>a</b> (2,0)	<b>b</b> (2,1)
<b>c</b> (2,-1)	<b>d</b> (3,0)
<b>e</b> (0,2)	<b>f</b> (1,0)

Right 2