



Math worksheet on 'Cartesian Grid - Vector from Coordinates (Straight) (Level 2)'. Part of a broader unit on 'Cartesian Grid Basics - Practice'

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**1** Find the (x,y) change that the given move between (x,y) coordinates A and B would be

**Point A:**(4, 1)  
**Point B:**(4, 2)

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

**2** Find the (x,y) change that the given move between (x,y) coordinates A and B would be

**Point A:**(0, 2)  
**Point B:**(0, 1)

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

**3** Find the (x,y) change that the given move between (x,y) coordinates A and B would be

**Point A:**(4, 2)  
**Point B:**(4, -2)

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

**4** Find the (x,y) change that the given move between (x,y) coordinates A and B would be

**Point A:**(5, 2)  
**Point B:**(4, 2)

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

**5** Find the (x,y) change that the given move between (x,y) coordinates A and B would be

**Point A:**(2, 1)  
**Point B:**(2, -1)

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

**6** Find the (x,y) change that the given move between (x,y) coordinates A and B would be

**Point A:**(4, 0)  
**Point B:**(2, 0)

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

**7** Find the (x,y) change that the given move between (x,y) coordinates A and B would be

**Point A:**(0, -1)  
**Point B:**(0, -2)

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