



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

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<p><b>1</b> Find the direction that the given (x,y) change would be</p> <p>(3,2)</p>	<b>a</b>	Right 3, Down 2
	<b>b</b>	Right 2, Up 2
	<b>c</b>	Right 3, Up 2
	<b>d</b>	Right 4, Up 2
	<b>e</b>	Right 2, Down 3
	<b>f</b>	Right 2, Up 3

<p><b>2</b> Find the direction that the given (x,y) change would be</p> <p>(1,2)</p>	<b>a</b>	Left 1, Up 2
	<b>b</b>	Right 1, Up 1
	<b>c</b>	Right 1, Up 3
	<b>d</b>	Right 1, Up 2
	<b>e</b>	Right 2, Up 1
	<b>f</b>	Up 2

<p><b>3</b> Find the direction that the given (x,y) change would be</p> <p>(2,4)</p>	<b>a</b>	Right 1, Up 4
	<b>b</b>	Right 4, Up 2
	<b>c</b>	Right 2, Up 3
	<b>d</b>	Right 4, Down 2
	<b>e</b>	Right 2, Up 4
	<b>f</b>	Right 2, Up 5

<p><b>4</b> Find the direction that the given (x,y) change would be</p> <p>(5,2)</p>	<b>a</b>	Right 5, Up 3
	<b>b</b>	Right 5, Down 2
	<b>c</b>	Left 5, Up 2
	<b>d</b>	Right 2, Down 5
	<b>e</b>	Right 5, Up 1
	<b>f</b>	Right 5, Up 2

<p><b>5</b> Find the direction that the given (x,y) change would be</p> <p>(3,3)</p>	<b>a</b>	Right 4, Up 3
	<b>b</b>	Right 3, Up 3
	<b>c</b>	Right 3, Down 3
	<b>d</b>	Left 3, Up 3
	<b>e</b>	Right 3, Up 2
	<b>f</b>	Right 3, Up 4

<p><b>6</b> Find the direction that the given (x,y) change would be</p> <p>(3,1)</p>	<b>a</b>	Right 1, Down 3
	<b>b</b>	Right 3, Up 2
	<b>c</b>	Right 1, Up 3
	<b>d</b>	Right 3, Up 1
	<b>e</b>	Right 3, Down 1
	<b>f</b>	Right 4, Up 1

<p><b>7</b> Find the direction that the given (x,y) change would be</p> <p>(2,1)</p>	<b>a</b>	Right 2, Up 2
	<b>b</b>	Left 2, Up 1
	<b>c</b>	Right 1, Up 1
	<b>d</b>	Right 2
	<b>e</b>	Right 2, Down 1
	<b>f</b>	Right 2, Up 1