



Math worksheet on 'Cartesian Grid - Direction from a Vector (Angle) (Level 3)'. Part of a broader unit on 'Cartesian Grid Basics - Practice'

Learn online: app.mobius.academy/math/units/cartesian_grid_practice/

<p>1 Find the direction that the given (x,y) change would be</p> <p style="text-align: center;">(-2,1)</p>	a	Right 1, Up 2
	b	Right 2, Up 1
	c	Left 2, Up 2
	d	Left 2, Up 1
	e	Left 1, Down 2
	f	Left 2, Down 1

<p>2 Find the direction that the given (x,y) change would be</p> <p style="text-align: center;">(-3,-1)</p>	a	Left 3, Down 1
	b	Left 3, Down 2
	c	Left 3
	d	Left 1, Down 3
	e	Left 1, Up 3
	f	Right 1, Down 3

<p>3 Find the direction that the given (x,y) change would be</p> <p style="text-align: center;">(1,-1)</p>	a	Down 1
	b	Left 1, Down 1
	c	Right 1, Up 1
	d	Right 1, Down 2
	e	Left 1, Up 1
	f	Right 1, Down 1

<p>4 Find the direction that the given (x,y) change would be</p> <p style="text-align: center;">(2,-1)</p>	a	Right 2
	b	Left 1, Up 2
	c	Right 2, Up 1
	d	Left 2, Down 1
	e	Right 2, Down 1
	f	Left 1, Down 2

<p>5 Find the direction that the given (x,y) change would be</p> <p style="text-align: center;">(-5,-6)</p>	a	Left 6, Down 6
	b	Left 5, Down 6
	c	Right 6, Down 5
	d	Left 5, Up 6
	e	Left 5, Down 5
	f	Right 5, Down 6

<p>6 Find the direction that the given (x,y) change would be</p> <p style="text-align: center;">(4,-2)</p>	a	Right 4, Up 2
	b	Left 2, Up 4
	c	Left 2, Down 4
	d	Right 4, Down 2
	e	Right 3, Down 2
	f	Right 2, Up 4

<p>7 Find the direction that the given (x,y) change would be</p> <p style="text-align: center;">(6,-3)</p>	a	Left 3, Up 6
	b	Right 6, Down 4
	c	Right 6, Down 3
	d	Right 7, Down 3
	e	Left 3, Down 6
	f	Right 5, Down 3