



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

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

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

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

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

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

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

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

<p>7 Find the direction that the given (x,y) change would be</p> <p>(3,3)</p>	a	Right 4, Up 3
	b	Left 3, Up 3
	c	Right 3, Up 4
	d	Right 3, Down 3
	e	Right 2, Up 3
	f	Right 3, Up 3