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

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

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

Left 2

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

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

Down 3

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

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

Up 1

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

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

Right 4

a	b
(5,0)	(0,-4)
c	d
(4,0)	(3,0)
e	f
(0,4)	(-4,0)

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

Up 2

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

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

Down 1

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

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

Right 2

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