



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

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

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

Left 5, Down 1

a	(-6,-1)	b	(-5,-1)
c	(-4,-1)	d	(1,-5)
e	(5,-1)	f	(-5,-2)

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

Left 2, Down 2

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

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

Right 1, Down 2

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

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

Left 3, Up 1

a	(-3,2)	b	(-1,-3)
c	(-3,1)	d	(-2,1)
e	(-3,-1)	f	(-4,1)

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

Left 2, Up 2

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

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

Left 2, Down 1

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

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

Right 3, Down 6

a	(3,-7)	b	(3,-5)
c	(3,6)	d	(2,-6)
e	(3,-6)	f	(-6,-3)