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

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

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

(2,0)

a	Left 2
b	Right 2
c	Down 2
d	Right 1
e	Right 2, Down 1
f	Up 2

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

(1,0)

a	Right 1, Up 1
b	Right 1
c	Right 1, Down 1
d	Up 1
e	Right 2
f	Left 1

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

(0,-3)

a	Right 3
b	Down 2
c	Right 1, Down 3
d	Down 4
e	Up 3
f	Down 3

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

(0,4)

a	Right 4
b	Right 1, Up 4
c	Up 4
d	Left 4
e	Up 5
f	Left 1, Up 4

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

(0,-4)

a	Right 1, Down 4
b	Up 4
c	Left 4
d	Down 5
e	Down 4
f	Down 3

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

(-1,0)

a	Up 1
b	Left 1
c	Left 1, Up 1
d	Left 1, Down 1
e	Down 1
f	Right 1

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

(3,0)

a	Right 4
b	Right 3, Down 1
c	Up 3
d	Left 3
e	Right 3
f	Right 2