



Math worksheet on 'Cartesian Grid - Direction from Coordinates (Angle) (Level 2)'. Part of a broader unit on 'Cartesian Grid Basics - Practice'

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

1 Find the direction that the given move between (x,y) coordinates A and B would be

Point A:(1, 0)
Point B:(5, 2)

a	Left 2, Up 4
b	Right 4, Up 1
c	Right 4, Up 2
d	Left 4, Up 2
e	Right 5, Up 2
f	Right 3, Up 2

2 Find the direction that the given move between (x,y) coordinates A and B would be

Point A:(-2, 1)
Point B:(1, 5)

a	Right 3, Up 5	b	Right 3, Up 4
c	Right 3, Down 4	d	Right 4, Down 3
e	Right 2, Up 4	f	Left 3, Up 4

3 Find the direction that the given move between (x,y) coordinates A and B would be

Point A:(0, 1)
Point B:(3, 3)

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

4 Find the direction that the given move between (x,y) coordinates A and B would be

Point A:(0, -2)
Point B:(3, 3)

a	Right 3, Up 4	b	Right 3, Up 6
c	Left 3, Up 5	d	Right 3, Down 5
e	Right 3, Up 5	f	Right 4, Up 5

5 Find the direction that the given move between (x,y) coordinates A and B would be

Point A:(4, -2)
Point B:(5, 2)

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

6 Find the direction that the given move between (x,y) coordinates A and B would be

Point A:(0, 3)
Point B:(3, 4)

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

7 Find the direction that the given move between (x,y) coordinates A and B would be

Point A:(0, 0)
Point B:(2, 3)

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