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Math worksheet on *'Cartesian Grid - Direction from Coordinates (Angle) (Level 3)'*. 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:$(-1, 5)$
Point B:$(1, 3)$

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

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

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

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

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

Point A:$(3, 2)$
Point B:$(0, 1)$

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

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

Point A:$(4, -3)$
Point B:$(2, 2)$

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

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

Point A:$(2, 1)$
Point B:$(-1, 3)$

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

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

Point A:$(-1, 4)$
Point B:$(2, 1)$

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

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

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

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