mobius
Cartesian Grid - Direction from Coordinates (Angle)

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

Point A:(0, 4)
Point B:(2, 5)

A	Right 2, Up 1
B	Right 2, Down 1
C	Right 1, Up 2
D	Right 3, Up 1
E	Right 1, Down 2
F	Right 1, Up 1

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

Point A:(0, −1)
Point B:(3, 1)

A	Right 3, Down 2	B	Right 3, Up 3
C	Right 2, Down 3	D	Right 3, Up 2
E	Right 4, Up 2	F	Left 2, Up 3

3 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	Right 1, Down 4	B	Right 2, Up 4
C	Right 1, Up 4	D	Left 4, Up 1
E	Right 1, Up 3	F	Up 4

4 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 2, Up 1
B	Right 3, Up 1
C	Left 1, Up 3
D	Right 1, Down 3
E	Left 3, Up 1
F	Right 3

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

Point A:(0, −1)
Point B:(1, 0)

A	Right 1, Up 2	B	Left 1, Up 1
C	Right 1, Down 1	D	Right 1, Up 1
E	Up 1	F	Right 2, Up 1

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

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

A	Right 2, Up 1
B	Right 1, Down 3
C	Right 3, Up 1
D	Right 3, Down 1
E	Right 3, Up 2
F	Right 3

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

Point A:(3, −3)
Point B:(5, −1)

A	Right 3, Up 2	B	Right 2, Up 3
C	Right 2, Down 2	D	Left 2, Up 2
E	Right 2, Up 2	F	Right 1, Up 2

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

Point A:(1, −1)
Point B:(5, 1)

A	Right 3, Up 2	B	Right 4, Up 3
C	Right 2, Up 4	D	Left 2, Up 4
E	Right 4, Up 2	F	Right 5, Up 2

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