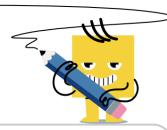# Cartesian Grid - Direction from Coordinates (Angle)

Name

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

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

A	B
Left 2, Down 2	Left 1, Up 2

C	D
Left 2, Up 2	Left 2, Up 1

E	F
Right 2, Up 2	Right 2, Down 2

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

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

A	B
Left 3, Up 2	Left 3, Down 1

C	D
Left 2, Down 3	Right 3, Down 2

E	F
Left 2, Down 2	Left 3, Down 2

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

Point A:$(4, -1)$
Point B:$(0, 0)$

A	B
Left 1, Down 4	Left 4

C	D
Left 3, Up 1	Left 4, Up 1

E	F
Right 1, Down 4	Left 4, Down 1

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

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

A	B
Left 1	Right 1, Up 1

C	D
Left 2, Up 1	Left 1, Down 1

E	F
Left 1, Up 1	Left 1, Up 2

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

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

A	B
Left 3, Up 2	Left 3, Up 3

C	D
Right 3, Down 3	Left 4, Up 3

E	F
Right 3, Up 3	Left 3, Down 3

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

Point A:$(2, 0)$
Point B:$(5, -2)$

A	B
Left 3, Down 2	Right 2, Down 2

C	D
Right 2, Up 3	Right 3, Up 2

E	F
Right 3, Down 2	Right 3, Down 1

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

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

A	B
Right 2, Down 5	Right 2, Down 4

C	D
Left 2, Down 5	Right 3, Down 5

E	F
Right 2, Down 6	Left 5, Down 2

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

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

A	B
Left 2, Up 4	Left 2, Down 5

C	D
Left 4, Up 2	Left 2, Down 4

E	F
Left 2, Down 3	Right 4, Down 2