



Math worksheet on 'Cartesian Grid - Direction from Coordinates (Straight) (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:(2, 1)
Point B:(2, 2)

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

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

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

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|-----------------|------------------|
| a Left 4 | b Up 4 |
| c Down 3 | d Right 4 |
| e Down 4 | f Down 5 |

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

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

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

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

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

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

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

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

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

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

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

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

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

Point A:(5, -3)
Point B:(1, -3)

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