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Math worksheet on *'Cartesian Grid - Vector from Coordinates (Angle) (Level 1)'*. Part of a broader unit on *'Cartesian Grid Basics - Practice'*

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

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

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

| a | b |
|---|---|
| (-3,1) | (2,1) |
| **c** (3,-1) | **d** (3,2) |
| **e** (3,1) | **f** (1,-3) |

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

Point A:(3, 1)
Point B:(4, 2)

| a | b |
|---|---|
| (1,-1) | (2,1) |
| **c** (1,1) | **d** (1,0) |
| **e** (-1,1) | **f** (0,1) |

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

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

| a | b |
|---|---|
| (-1,1) | (1,0) |
| **c** (1,-1) | **d** (2,1) |
| **e** (1,1) | **f** (1,2) |

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

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

| a | b |
|---|---|
| (3,2) | (3,1) |
| **c** (4,1) | **d** (3,-1) |
| **e** (1,-3) | **f** (-1,3) |

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

Point A:(1, 4)
Point B:(4, 5)

| a | b |
|---|---|
| (4,1) | (3,-1) |
| **c** (3,1) | **d** (3,0) |
| **e** (-1,3) | **f** (2,1) |

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

Point A:(0, 1)
Point B:(5, 3)

| a | b |
|---|---|
| (5,1) | (2,-5) |
| **c** (5,2) | **d** (5,-2) |
| **e** (2,5) | **f** (-5,2) |

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

Point A:(2, 0)
Point B:(5, 3)

| a | b |
|---|---|
| (3,2) | (3,3) |
| **c** (3,-3) | **d** (4,3) |
| **e** (-3,3) | **f** (2,3) |