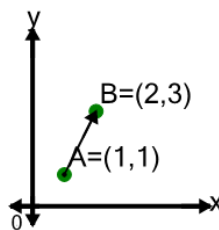# mobius

Math worksheet on *'Cartesian Grid - Vector Between Displayed Points With Coordinates (Angle) (Level 1)'*. Part of a broader unit on *'Cartesian Grid Basics - Practice'*
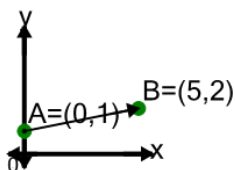
Learn online: app.mobius.academy/math/units/cartesian_grid_practice/

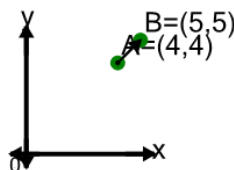**1** Find the (x,y) change to go from point A to point B on the diagram

B=(2,3)
A=(1,1)

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

2 Find the (x,y) change to go from point A to point B on the diagram

A=(0,1)   B=(5,2)

a	(5,0)	b	(5,-1)
c	(-5,1)	d	(5,1)
e	(1,5)	f	(1,-5)

3 Find the (x,y) change to go from point A to point B on the diagram

B=(5,5)
A=(4,4)

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

4 Find the (x,y) change to go from point A to point B on the diagram

B=(3,4)
A=(1,1)
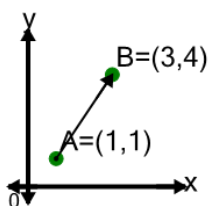
a	(1,3)	b	(-2,3)
c	(3,2)	d	(2,-3)
e	(2,3)	f	(-3,2)

5 Find the (x,y) change to go from point A to point B on the diagram

B=(3,2)
A=(1,0)
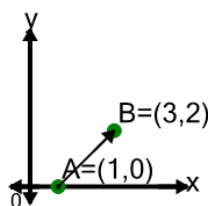
a	(2,1)	b	(-2,2)
c	(1,2)	d	(2,3)
e	(2,-2)	f	(2,2)

6 Find the (x,y) change to go from point A to point B on the diagram

B=(4,3)
A=(2,1)
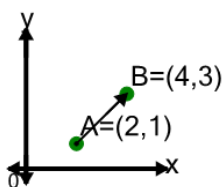
a	(-2,2)	b	(1,2)
c	(2,3)	d	(2,2)
e	(2,-2)	f	(2,1)

7 Find the (x,y) change to go from point A to point B on the diagram

B=(5,2)
A=(3,1)

a	(2,0)	b	(2,2)
c	(3,1)	d	(2,1)
e	(1,1)	f	(1,2)