



## Cartesian Grid - Vector from Direction (Angle)

**1** Find the (x,y) change that the given direction would be

Right 1, Up 5

A	(5,-1)	B	(1,5)
C	(1,-5)	D	(2,5)
E	(-1,5)	F	(1,6)

**2** Find the (x,y) change that the given direction would be

Right 1, Up 3

A	(3,1)	B	(1,3)
C	(1,4)	D	(3,-1)
E	(2,3)	F	(1,2)

**3** Find the (x,y) change that the given direction would be

Right 3, Up 1

A	(1,-3)	B	(1,3)
C	(3,-1)	D	(-3,1)
E	(3,1)	F	(3,0)

**4** Find the (x,y) change that the given direction would be

Right 3, Up 4

A	(4,3)	B	(4,4)
C	(3,4)	D	(3,5)
E	(-4,3)	F	(3,3)

**5** Find the (x,y) change that the given direction would be

Right 4, Up 1

A	(4,2)	B	(3,1)
C	(-1,4)	D	(5,1)
E	(4,1)	F	(-4,1)

**6** Find the (x,y) change that the given direction would be

Right 2, Up 2

A	(2,1)	B	(2,-2)
C	(3,2)	D	(-2,2)
E	(2,3)	F	(2,2)

**7** Find the (x,y) change that the given direction would be

Right 2, Up 3

A	(3,-2)	B	(2,3)
C	(-3,2)	D	(-2,3)
E	(2,2)	F	(2,-3)

**8** Find the (x,y) change that the given direction would be

Right 1, Up 2

A	(1,3)	B	(0,2)
C	(2,-1)	D	(1,-2)
E	(1,2)	F	(-1,2)