



Cartesian Grid - Vector from Direction (Angle)

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

Right 5, Up 1

A	(5,1)	B	(1,5)
C	(-1,5)	D	(5,0)
E	(5,-1)	F	(-5,1)

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

Right 1, Up 3

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

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

Right 3, Up 3

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

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

Right 3, Up 1

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

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

Right 4, Up 2

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

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

Right 1, Up 4

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

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

Right 6, Up 1

A	(6,0)	B	(6,-1)
C	(6,2)	D	(6,1)
E	(-1,6)	F	(-6,1)

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

Right 4, Up 3

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