mobius

Cartesian Grid - Direction from Coordinates (Angle)

Name _____

1 Find the direction that the given move between (x,y) coordinates A and B would be Point A:(3, 2) Point B:(5, 5)		
	A	Right 2, Up 3
	B	Right 3, Up 3
	C	Right 2, Down 3
	D	Right 3, Up 2
	E	Right 3, Down 2
	F	Right 2, Up 4

2 Find the direction that the given move between (x,y) coordinates A and B would be Point A:(0, 0) Point B:(3, 4)		
	A	Right 3, Up 5
	B	Right 4, Down 3
	C	Right 3, Up 3
	D	Right 4, Up 4
	E	Right 2, Up 4
	F	Right 3, Up 4

3 Find the direction that the given move between (x,y) coordinates A and B would be Point A:(0, 1) Point B:(2, 4)		
	A	Right 1, Up 3
	B	Right 3, Down 2
	C	Right 3, Up 2
	D	Right 3, Up 3
	E	Right 2, Down 3
	F	Right 2, Up 3

4 Find the direction that the given move between (x,y) coordinates A and B would be Point A:(0, 0) Point B:(2, 1)		
	A	Right 1, Up 1
	B	Right 2, Up 2
	C	Right 2, Down 1
	D	Right 2, Up 1
	E	Right 1, 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, 0) Point B:(5, 1)		
	A	Right 1, Up 1
	B	Right 1, Up 2
	C	Right 2, Up 1
	D	Right 1, Down 1
	E	Left 1, Up 1
	F	Up 1

6 Find the direction that the given move between (x,y) coordinates A and B would be Point A:(1, 2) Point B:(4, 4)		
	A	Right 2, Up 2
	B	Right 3, Down 2
	C	Right 3, Up 2
	D	Left 2, Up 3
	E	Right 2, Up 3
	F	Left 3, Up 2

7 Find the direction that the given move between (x,y) coordinates A and B would be Point A:(1, 1) Point B:(3, 2)		
	A	Right 3, Up 1
	B	Right 2, Up 1
	C	Right 1, Down 2
	D	Right 1, Up 2
	E	Right 1, Up 1
	F	Right 2, Up 2

8 Find the direction that the given move between (x,y) coordinates A and B would be Point A:(2, 0) Point B:(5, 1)		
	A	Right 3, Up 2
	B	Right 4, Up 1
	C	Left 1, Up 3
	D	Right 2, Up 1
	E	Right 3, Down 1
	F	Right 3, Up 1