Cartesian Grid - Reflection of Point (Coordinates to Coordinates) across Diagonal

Name _____

1 Reflect point (-3,-4) across the diagonal	(-3,-4)	**2** Reflect point (1,-4) across the diagonal	(1,-4)
A	B	A	B
(-4,-3)	(4,-3)	(4,-1)	(1,-4)

3 Reflect point (1,0) across the diagonal	(1,0)	**4** Reflect point (-4,2) across the diagonal	(-4,2)
A	B	A	B
(0,1)	(1,-0)	(-4,2)	(-2,4)

5 Reflect point (1,1) across the diagonal	(1,1)	**6** Reflect point (2,2) across the diagonal	(2,2)
A	B	A	B
(-1,1)	(-1,-1)	(-2,2)	(-2,-2)

7 Reflect point (0,1) across the diagonal	(0,1)	**8** Reflect point (2,3) across the diagonal	(2,3)
A	B	A	B
(-1,-0)	(1,0)	(-3,-2)	(-2,-3)