Reflecting Points in Diagonal Lines
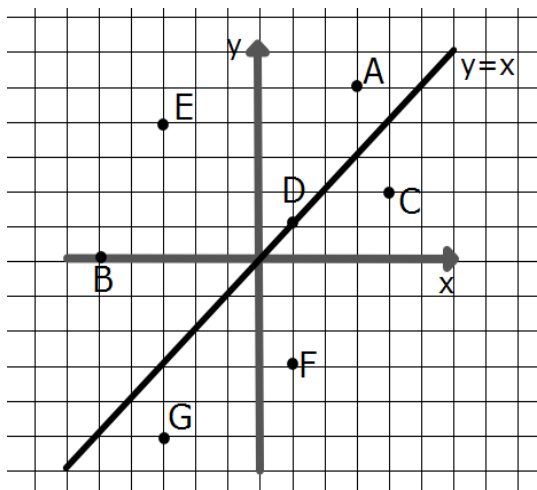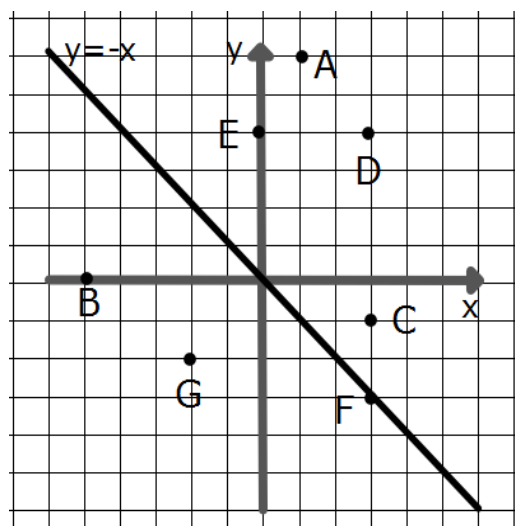
1) The points on the co-ordinate grid to the left have been reflected in the diagonal line y=x. Below are the co-ordinates of the reflected points. Are they correct? If not what are the correct co-ordinates?

Reflected Point	Co-ordinates
A'	(5,3)
B'	(5,0)
C'	(2,0)
D'	(1,1)
E'	(4,-3)
F'	(3,-1)
G'	(-5,3)

2) The points on the co-ordinate grid to the left have been reflected in the diagonal line y=-x. Below are the co-ordinates of the reflected points. Are they correct? If not what are the correct co-ordinates?
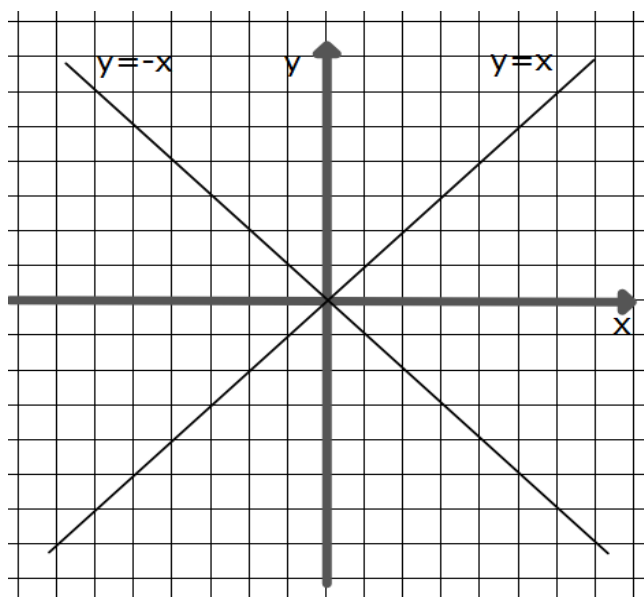
Reflected Point	Co-ordinates
A'	(-6,-1)
B'	(5,0)
C'	(-1,-1)
D'	(-4,-3)
E'	(-4,0)
F'	(3,-3)
G'	(2,-6)

3) Choose ten points on the grid on the left and reflect them in the two diagonal lines y=x and y=-x. List the co-ordinates of these points below.

Point	Reflect in y=x	Reflect in y=-x
A		
B		
C		
D		
E		
F		
G		
H		
I		
J		