Coordinates and Translations.

Date: Name:

In your exercise books, draw your own 4-quadrant grid and plot the following points and translate them as indicated. Give the new coordinates of the translated point. The first one is done for you.

Points	start coordinates	left	right	up	down	End Coordinates:
[1] A	(1,1)	2		4		A' = (-1,5)
[2] B	(-3,-4)	4			0	
[3] C	(3,-4)		2	2		
[4] D	(4,-4)		0		0	
[5] E	(-2,-4)	2		2		
[6] F	(-2,-4)	0			3	
[7] G	(-3,-3)		0	2		
[8] H	(3,0)		3		0	
[9] K	(2,3)	4			0	
[10] L	(-1,-1)		1	3		

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[4] D	(4,-4)	0	0	0	0	
[5] E	(-2,-4)	2	0	2	0	
[6] F	(-2,-4)	0	0	0	3	
[7] G	(-3,-3)	0	0	2	0	
[8] H	(3,0)	0	3	0	0	
[9] K	(2,3)	4	0	0	0	
[10] L	(-1,-1)	0	1	3	0	

Coordinates and Translations.   ANSWERS

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Points		start coordinates	left	right	up	down	End Coordinates:
[1]	A	(1,1)	2	0	4	0	A' = (-1,5)
[2]	B	(-3,-4)	4	0	0	0	B' = (-7,-4)
[3]	C	(3,-4)	0	2	2	0	C' = (5,-2)
[4]	D	(4,-4)	0	0	0	0	D' = (4,-4)
[5]	E	(-2,-4)	2	0	2	0	E' = (-4,-2)
[6]	F	(-2,-4)	0	0	0	3	F' = (-2,-7)
[7]	G	(-3,-3)	0	0	2	0	G' = (-3,-1)
[8]	H	(3,0)	0	3	0	0	H' = (6,0)
[9]	K	(2,3)	4	0	0	0	K' = (-2,3)
[10]	L	(-1,-1)	0	1	3	0	L' = (0,2)

http://www.learnersgrid.com