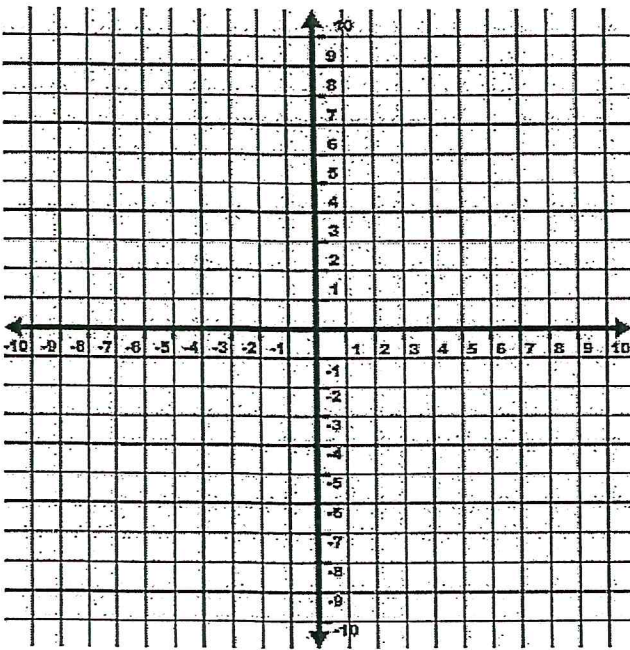


40.. Three vertices of a parallelogram are L(-1, 3), R(2, -1), and D(5, 4).



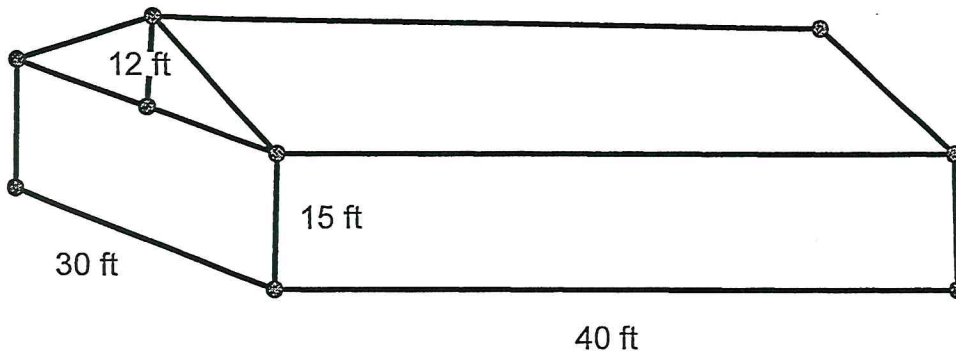
a. Find an ordered pair and graph it (name it E) that could be the coordinate of the fourth vertex. Connect the points to draw your parallelogram.

E (_____, _____)

Verify that it is a parallelogram

b. Find a second ordered pair that could be the coordinate of the fourth vertex and graph it, name it H. Connect your points in a different color to draw your parallelogram. H (_____, _____)

41.



The above building is being painted bright green. Paint costs \$18/ gallon and each gallon covers 300 square feet.

a) Find the square feet you need to paint (only vertical surfaces, not the roof)

b) Find the number of gallons of paint needed.

c) Find the cost to paint the barn, just for the paint.