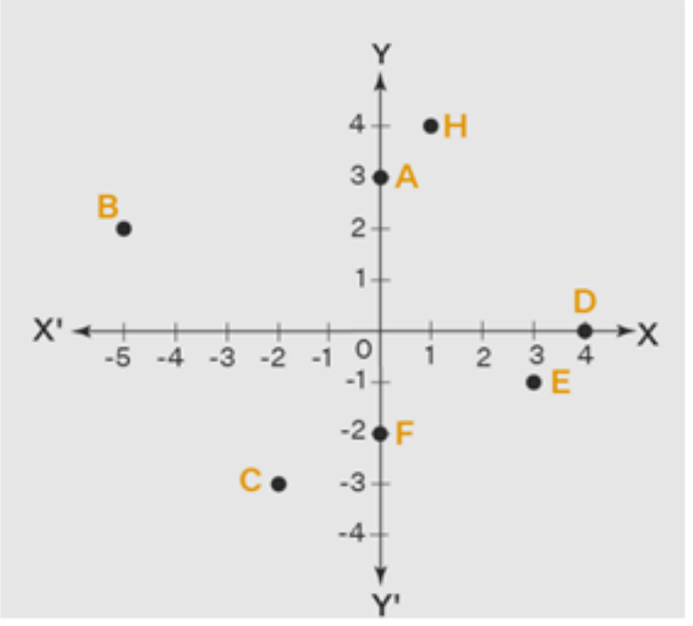
Coordinates Pre- Test Math 7

Name: _____



Coordinate Grid

1) Using the graph to the left, list the points that are in the following quadrants

Q1→ H

Q2→ B

Q3→ C

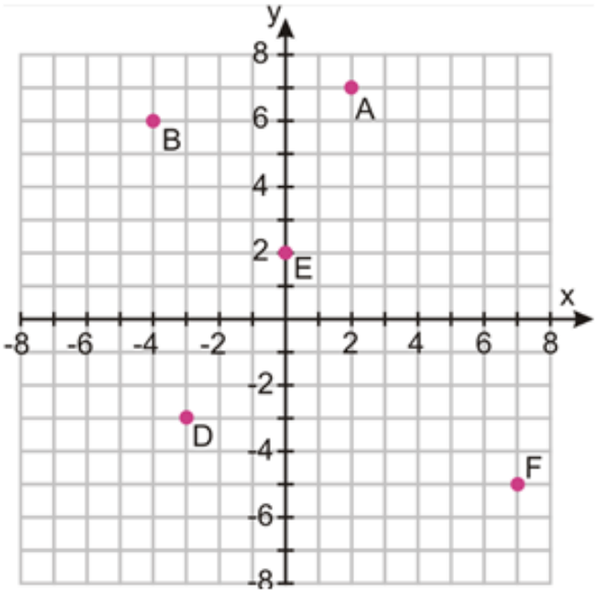
Q4→ E

2) What points lie on the x-axis?

D

3) Name the point with coordinates (3, -1) on this grid above. E

4) List the points and the coordinates for each point below



A(2,7)

B(-4, 6)

D(-3,-3)

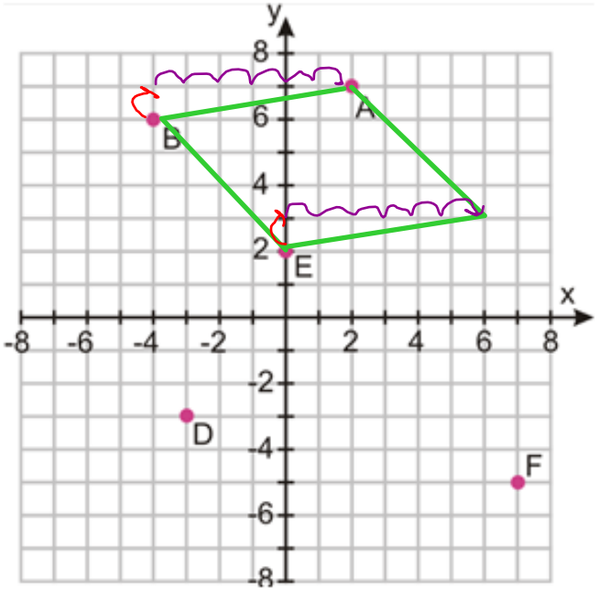
E(0,2)

F(7, -5)

5)If you were to connect the pints ABE, what shape what you make? Triangle

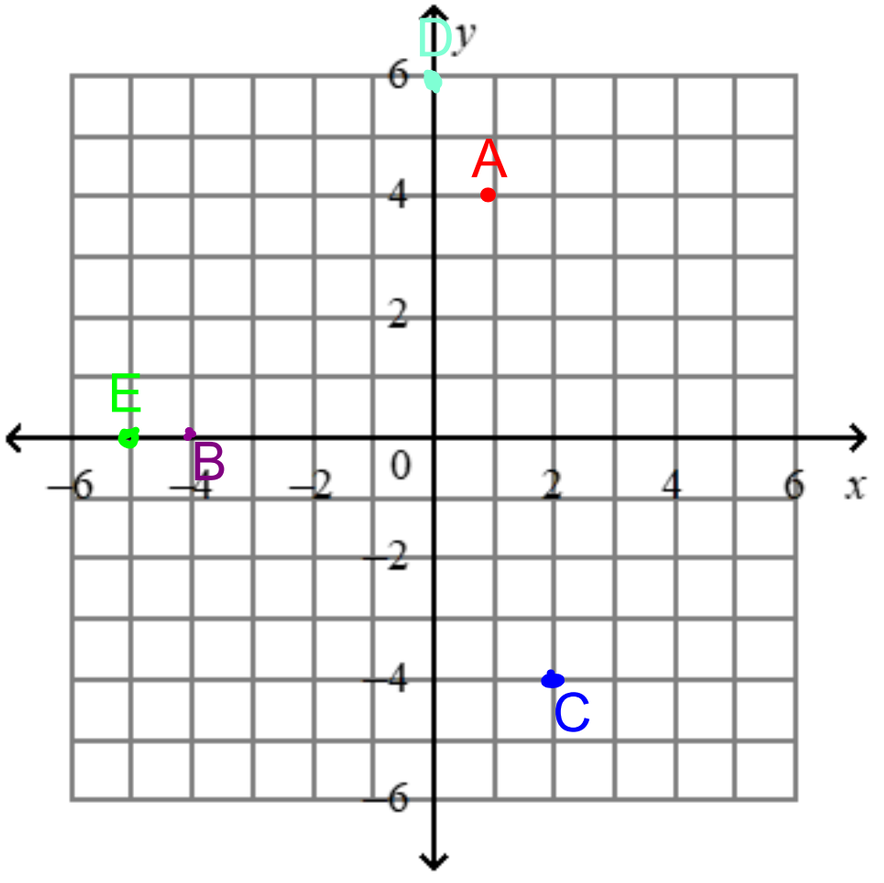
6) Where could you place point Z so that if you connect A B E Z, it will form a rhombus?

4) List the points and the coordinates for each point below

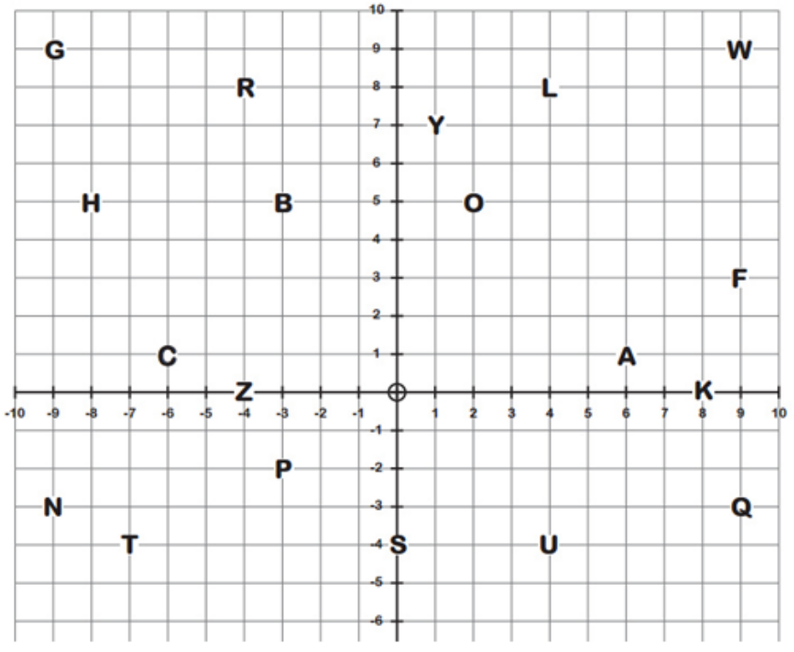


Z(6,3)

7. Plot these points on the same grid: A(1, 4), B(-4, 0), C(2, -4), D(0, 6), E(-5, 0)



Make sure to put the dot and then the letter over the dot for each.



8) Using the coordinates in the above graph, find which point have the following (Put the letter or letters in the blank.)

a) y-coordinate is 0? (#, 0) --> Z, K

b) Same y-coordinate? GW, RL, HBO, AC, ZK, NQ, TSU

c) Equal x- and y-coordinates? (#, exact same number) --> W (9,9)

d) x-coordinate -3? (-3. #) P, B

9)a) Create a table of values using substitution for $y = x - 4$ (Hint: Input /Output)

Use Calculators but show work.

X	Y
-2	-6
-1	-5
0	-4
1	-3
2	-2

Show work for the first 3 entries

x= -2

y= x -4

y = (-2) - 4

y = -6

x= -1

y= x -4

y = (-1) - 4

y = -5

x= 0

y= x -4

y = (0) - 4

y = -4

b) Graph the y= x - 4 (Label all axis, include scales)