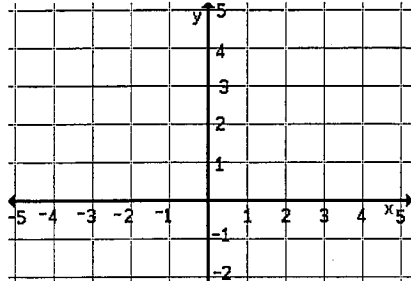


Name _____

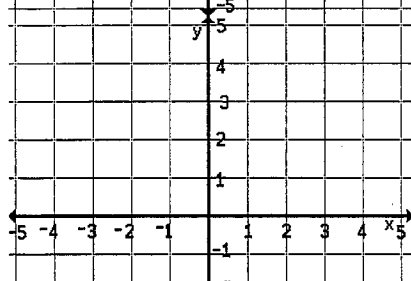
Graphing Shapes

Graph the following points connecting the dots in order, connecting the last point to the first. On the line, right the shape the lines make. If it's a quadrilateral, specify which kind (square, rectangle, parallelogram, trapezoid). If it's a triangle, specify which kind (isosceles, scalene, equilateral, right).

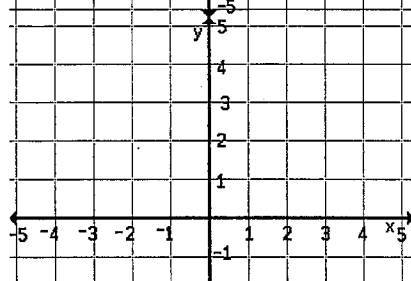
1. (4, 0)
(-1, -2)
(-1, 2)



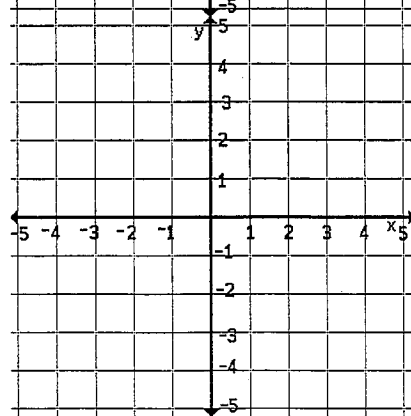
2. (-3, -4)
(-2, -1)
(1, -1)
(0, -4)



3. (-1, -1)
(1, -1)
(2, 1)
(0, 3)
(-2, 1)

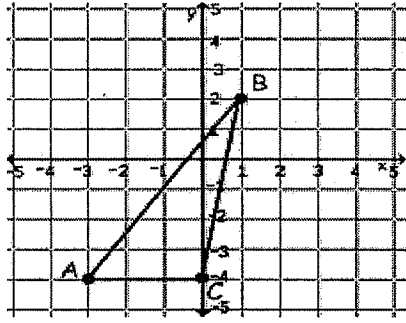


4. (-4, 4)
(-4, -4)
(4, -4)



One the line, name the shape that is created by the points. Then name the ordered pair for each vertex.

5.

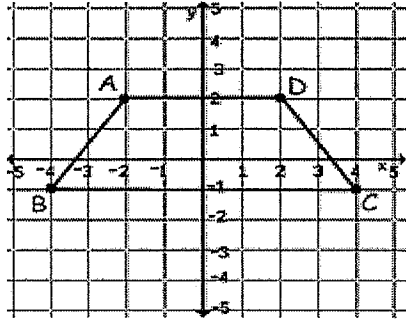


A =

B =

C =

6.



A =

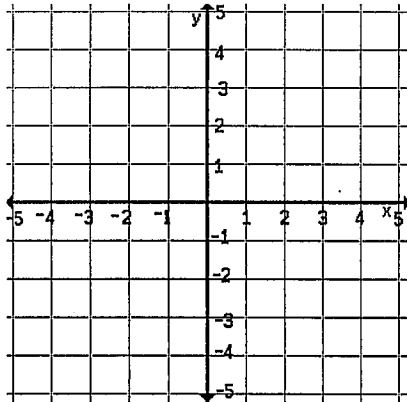
B =

C =

D =

Graph the coordinates given then answer the question given to the right.

7. (1, 1)
(4, 1)



Name an ordered pair that would turn the two given points into a right triangle, keeping the entire shape within Quadrant I.

On the coordinate plane below is the net of a triangular prism. If each box represents 2cm^2 , what is the surface area of the prism?

8.

