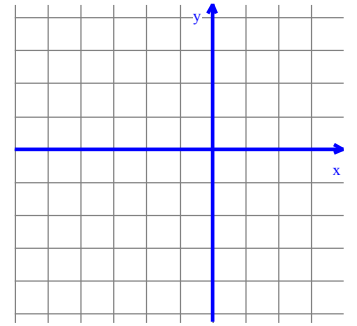


1. Find the area and perimeter of the triangle formed by  $A(-4, -2)$ ,  $B(-4, 4)$ , and  $C(-1, -2)$ . Show your work neatly. Plot and label the points. Draw the triangle.

$$BC = \sqrt{(\quad)^2 + (\quad)^2}$$

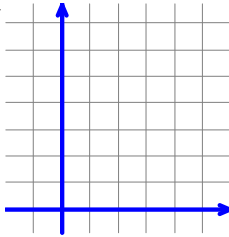
$AB =$ _____
$AC =$ _____
$BC =$ _____



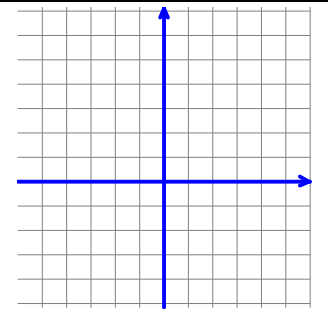
Area = _____
Perimeter = _____

2. Find the distance between:  $A(1, 4)$  and  $B(5, 7)$

$$AB = \sqrt{(\quad)^2 + (\quad)^2}$$



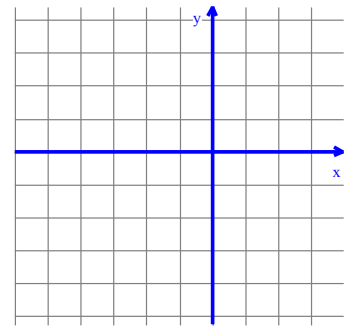
3. Graph the line:  
 $3x - 3y = 6$



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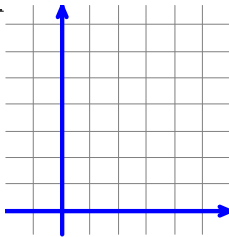
$AB =$ _____
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Area = _____
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