

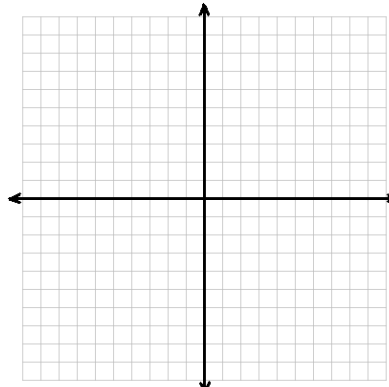
DAY 2/3 WARM-UP

Graph the following given the general function is...

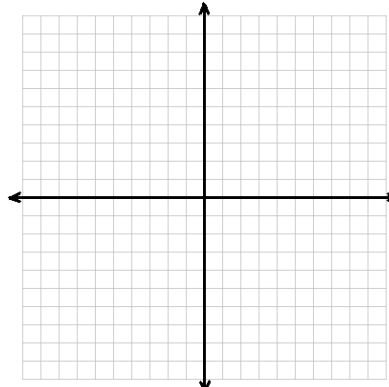
$$y = a|x - h| + k$$

Vertex:	
Axis of Symmetry:	
Opens up	
Opens down	
Slope:	

1.  $y = |x + 2| - 3$   
 h= \_\_\_\_\_ k= \_\_\_\_\_  
 VERTEX: \_\_\_\_\_  
 AXIS of SYMMETRY: \_\_\_\_\_  
 OPENS UP or DOWN: \_\_\_\_\_  
 SLOPE: \_\_\_\_\_



2.  $y = 2|x - 5| + 1$   
 h= \_\_\_\_\_ k= \_\_\_\_\_  
 VERTEX: \_\_\_\_\_  
 AXIS of SYMMETRY: \_\_\_\_\_  
 OPENS UP or DOWN: \_\_\_\_\_  
 SLOPE: \_\_\_\_\_



3.  $y = -|x - 4| + 5$   
 h= \_\_\_\_\_ k= \_\_\_\_\_  
 VERTEX: \_\_\_\_\_  
 AXIS of SYMMETRY: \_\_\_\_\_  
 OPENS UP or DOWN: \_\_\_\_\_  
 SLOPE: \_\_\_\_\_

