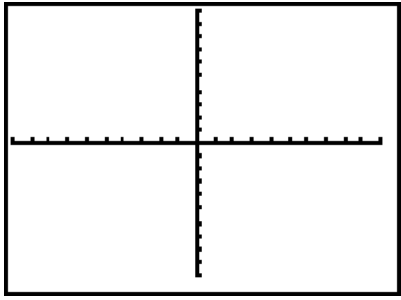
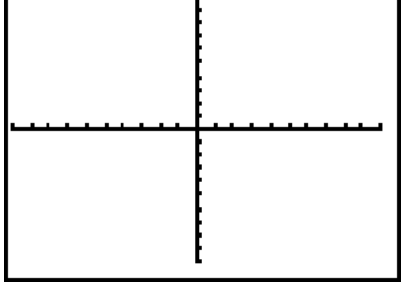
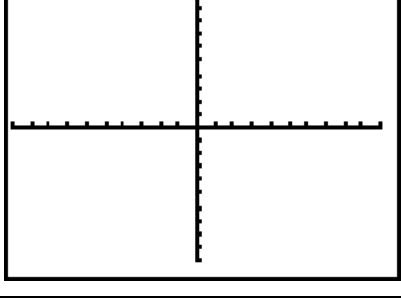
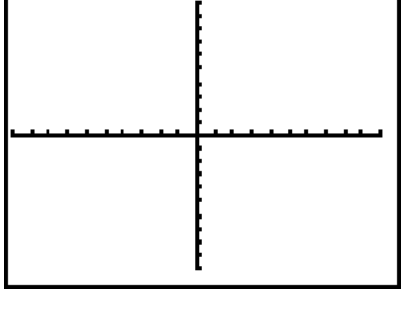
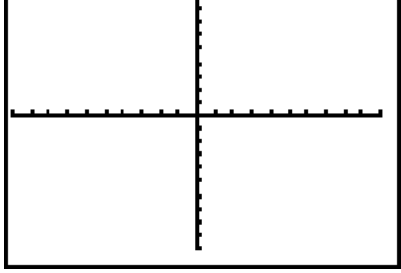
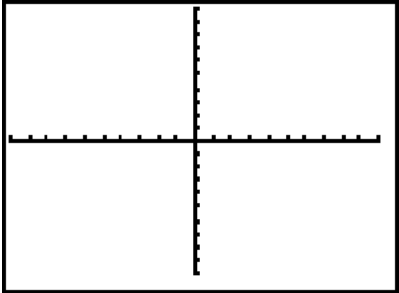
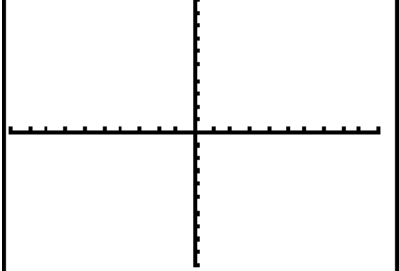
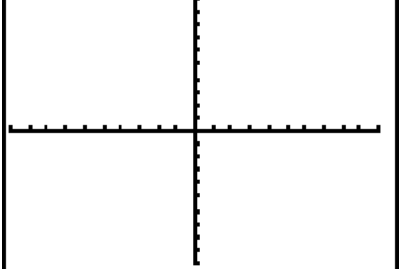
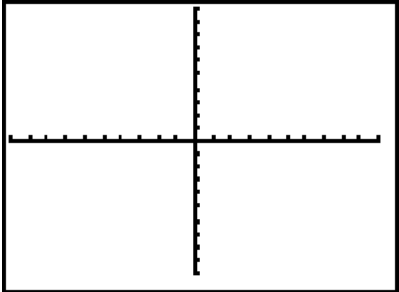


### DESMOS Graph Challenge

Using the DESMOS graphing calculator create the following shapes.

Shape	Sketch	Starting Equation	Your Equations
<p>A parallel line above and a parallel line below the given line</p>		$y = \frac{3}{4}x + 5$	
<p>A perpendicular line to the given line</p>		$y = \frac{2}{3}x - 1$	
<p>A parallelogram</p>		$y = 2x$ $y = 3$ $y = -3$	
<p>A rectangle</p>		$y = 3x$	
<p>A rectangle</p>		$y = x$	

Shape	Sketch	Starting Equation	Your Equations
A parallelogram		$y = \frac{1}{3}x$ $y = 2x$	
A right triangle		$y = 2x + 4$ $y = -2x + 4$	
A parallelogram		$y = \frac{1}{4}x$	
A parallelogram			
A right triangle	