

Name: _____ Hr: _____				Name: _____ Hr: _____		
<b>Owl Graph</b>				<b>Owl Graph</b>		
Directions: ___ Number the x-axis from -7 to 7 ___ Number the y-axis from -11 to 7 ___ Plot and connect the given points. ___ Reflect each point across the y-axis. ___ Record the ordered pairs.				Directions: ___ Number the x-axis from -7 to 7 ___ Number the y-axis from -11 to 7 ___ Plot and connect the given points. ___ Reflect each point across the y-axis. ___ Record the ordered pairs.		
(x, y)	→	(-x, y)		(x, y)	→	(-x, y)
(0, 6)	→			(0, 6)	→	
(3, 5.5)	→			(3, 5.5)	→	
(5, 7)	→			(5, 7)	→	
(6, 4)	→			(6, 4)	→	
(7, 0)	→			(7, 0)	→	
(7, -5)	→			(7, -5)	→	
(5, -11)	→			(5, -11)	→	
(4, -10)	→			(4, -10)	→	
(3, -11)	→			(3, -11)	→	
(2, -10)	→			(2, -10)	→	
(1, -11)	→			(1, -11)	→	
(0, -10)	→			(0, -10)	→	
<b>Eye</b>				<b>Eye</b>	→	
(1, 2)	→			(1, 2)	→	
(2, 3)	→			(2, 3)	→	
(5, 3)	→			(5, 3)	→	
(3, 1)	→			(3, 1)	→	
(1, 2)	→			(1, 2)		
<b>Pupil</b>				<b>Pupil</b>	→	
(2, 3)	→			(2, 3)	→	
(3, 2)	→			(3, 2)	→	
(4, 3)	→			(4, 3)	→	
<b>Beak</b>				<b>Beak</b>	→	
(0, 1)	→			(0, 1)	→	
(1, 0)	→			(1, 0)		
(0, -2)	→			(0, -2)	→	
Stop		Stop	(c)kt	Stop		Stop

## Owl Graph Answer Key

$(x, y)$	$\rightarrow$	$(-x, y)$
(0, 6)	$\rightarrow$	(0, 6)
(3, 5.5)	$\rightarrow$	(-3, 5.5)
(5, 7)	$\rightarrow$	(-5, 7)
(6, 4)	$\rightarrow$	(-6, 4)
(7, 0)	$\rightarrow$	(-7, 0)
(7, -5)	$\rightarrow$	(-7, -5)
(5, -11)	$\rightarrow$	(-5, -11)
(4, -10)	$\rightarrow$	(-4, -10)
(3, -11)	$\rightarrow$	(-3, -11)
(2, -10)	$\rightarrow$	(-2, -10)
(1, -11)	$\rightarrow$	(-1, -11)
(0, -10)	$\rightarrow$	(0, -10)
<b>Eye</b>		<b>Eye</b>
(1, 2)	$\rightarrow$	(-1, 2)
(2, 3)	$\rightarrow$	(-2, 3)
(5, 3)	$\rightarrow$	(-5, 3)
(3, 1)	$\rightarrow$	(-3, 1)
(1, 2)	$\rightarrow$	(-1, 2)
<b>Pupil</b>		<b>Pupil</b>
(2, 3)	$\rightarrow$	(-2, 3)
(3, 2)	$\rightarrow$	(-3, 2)
(4, 3)	$\rightarrow$	(-4, 3)
<b>Beak</b>		<b>Beak</b>
(0, 1)	$\rightarrow$	(0, 1)
(1, 0)	$\rightarrow$	(-1, 0)
(0, -2)	$\rightarrow$	(0, -2)
<b>Stop</b>	$\rightarrow$	<b>Stop</b>



- The axis of symmetry is vertical.
- There are 2 worksheets per page. They must be cut in half.
- The points for one side of the image are given.
- Students must reflect the other half of the image and then record the reflected points.

Download graph paper from <http://www.worksheetworks.com/miscellanea/graph-paper.html>

Reflection Graphing Assignment Grading Rubric

\_\_\_\_\_ (10 Points) Number the horizontal axis as directed.

\_\_\_\_\_ (10 Points) Number the vertical axis as directed.

\_\_\_\_\_ (20 Points) Plot and the points give in the first column,  
connecting them in order.

\_\_\_\_\_ (40 Points) Write the reflection of each point.

\_\_\_\_\_ (20 Points) Plot and connect the points to make the reflection.

\_\_\_\_\_ Total

\_\_\_\_\_



