

Ghost Graph Directions for Teachers

Use 1 cm grid paper.

Free grid paper is available at <http://www.incompetech.com>

There are 4 versions for this pumpkin graph.

Page 3 graph – Quadrant 1 (All points are given)

Page 4 – Quadrant 1

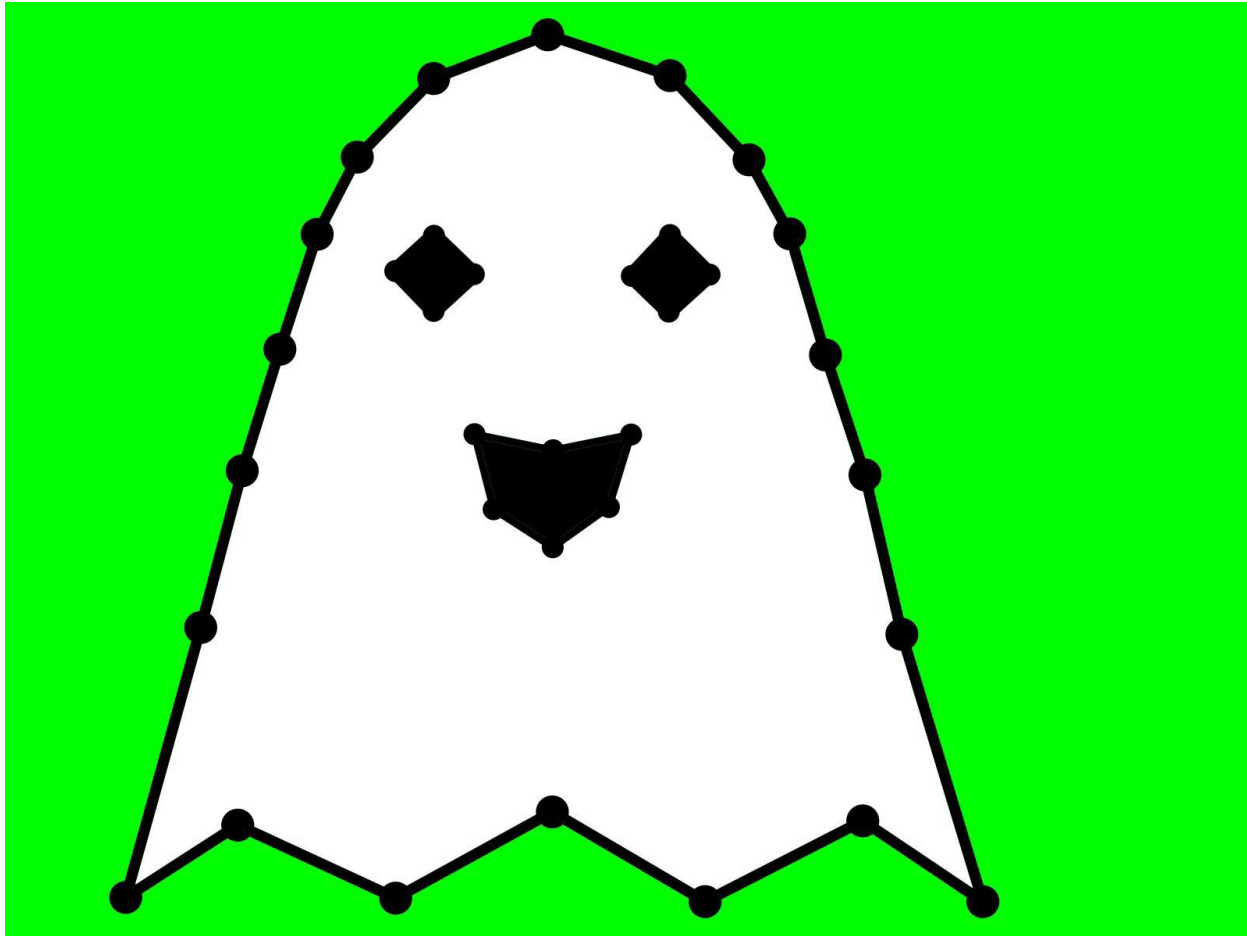
(All points are given but students don't know what the image is)

Page 6 – Use a 4 Quadrant Graph

(Students must determine half the points to reflect the image)

Page 7 – Use a 4 Quadrant Graph

(Students must determine half the points to reflect the image and they don't know what the image is)



Name: _____ Pd: _____ Date: _____

Ghost Graph

Ghost Body	Eyes	Mouth
Connect	Connect	Connect
(0, 5)	(7, 21)	(9, 17)
(2, 12)	(8, 22)	(11, 16.5)
(3, 16)	(9, 21)	(13, 17)
(4, 19)	(8, 20)	(12.5, 15)
(5, 22)	Stop	(11, 14)
(6, 24)	Connect	(9.5, 15)
(8, 26)	(13, 21)	(9, 17)
(11, 27)	(14, 22)	Stop
(14, 26)	(15, 21)	
(16, 24)	(14, 20)	
(17, 22)	Stop	
(18, 19)		
(19, 16)		
(20, 12)		
(22, 5)		
(19, 7)		
(15, 5)		
(11, 7)		
(7, 5)		
(3, 7)		
(0, 5)		
Stop		

(c)kt

Name: _____ Pd: _____ Date: _____

_____ Graph

Connect	Connect	Connect
(0, 5)	(7, 21)	(9, 17)
(2, 12)	(8, 22)	(11, 16.5)
(3, 16)	(9, 21)	(13, 17)
(4, 19)	(8, 20)	(12.5, 15)
(5, 22)	Stop	(11, 14)
(6, 24)	Connect	(9.5, 15)
(8, 26)	(13, 21)	(9, 17)
(11, 27)	(14, 22)	Stop
(14, 26)	(15, 21)	
(16, 24)	(14, 20)	
(17, 22)	Stop	
(18, 19)		
(19, 16)		
(20, 12)		
(22, 5)		
(19, 7)		
(15, 5)		
(11, 7)		
(7, 5)		
(3, 7)		
(0, 5)		
Stop		

(c)kt

Directions for Teachers

For the 4 Quadrant graphs, there are 2 worksheets and 2 rubrics per page.

Rubrics can be printed on the back of the worksheet.

Use 1 cm grid paper.

Free grid paper is available at <http://www.incompetech.com>

Name: _____

Name: _____

Date: _____ Pd: _____

Date: _____ Pd: _____

Ghost Graph

Ghost Graph

Connect	Reflect	Connect		Connect	Reflect	Connect
(0,11)	→			(0,11)	→	
(3,10)	→			(3,10)	→	
(5, 8)	→			(5, 8)	→	
(6, 6)	→			(6, 6)	→	
(7, 3)	→			(7, 3)	→	
(8, 0)	→			(8, 0)	→	
(9, -4)	→			(9, -4)	→	
(11, -11)	→			(11, -11)	→	
(8, -9)	→			(8, -9)	→	
(4, -11)	→			(4, -11)	→	
(0, -9)	→			(0, -9)	→	
Stop		Stop		Stop		Stop
Connect		Connect		Connect		Connect
(2, 5)	→			(2, 5)	→	
(3, 6)	→			(3, 6)	→	
(4, 5)	→			(4, 5)	→	
(3, 4)	→			(3, 4)	→	
Stop		Stop		Stop		Stop
Connect		Connect		Connect		Connect
(0, 0.5)	→			(0, 0.5)	→	
(2, 1)	→			(2, 1)	→	
(1.5, -1)	→			(1.5, -1)	→	
(0, -2)	→			(0, -2)	→	
Stop		Stop		Stop		Stop

(c)kt

Name: _____

Name: _____

Date: _____ Pd: _____

Date: _____ Pd: _____

_____ Graph

_____ Graph

Connect	Reflect	Connect		Connect	Reflect	Connect
(0,11)	→			(0,11)	→	
(3,10)	→			(3,10)	→	
(5, 8)	→			(5, 8)	→	
(6, 6)	→			(6, 6)	→	
(7, 3)	→			(7, 3)	→	
(8, 0)	→			(8, 0)	→	
(9, -4)	→			(9, -4)	→	
(11, -11)	→			(11, -11)	→	
(8, -9)	→			(8, -9)	→	
(4, -11)	→			(4, -11)	→	
(0, -9)	→			(0, -9)	→	
Stop		Stop		Stop		Stop
Connect		Connect		Connect		Connect
(2, 5)	→			(2, 5)	→	
(3, 6)	→			(3, 6)	→	
(4, 5)	→			(4, 5)	→	
(3, 4)	→			(3, 4)	→	
Stop		Stop		Stop		Stop
Connect		Connect		Connect		Connect
(0, 0.5)	→			(0, 0.5)	→	
(2, 1)	→			(2, 1)	→	
(1.5, -1)	→			(1.5, -1)	→	
(0, -2)	→			(0, -2)	→	
Stop		Stop		Stop		Stop

(c)kt

Graph Directions and Rubric	Graph Directions and Rubric
<p>_____ (10 Points) Number the horizontal axis from -11 to 11.</p> <p>_____ (10 Points) Number the vertical axis from -11 to 11.</p> <p>_____ (20 Points) Plot and connect the given points.</p> <p>_____ (40 Points) Write the reflection of each point.</p> <p>_____ (20 Points) Plot and connect the points to make the reflection.</p> <p>_____ Total</p>	<p>_____ (10 Points) Number the horizontal axis from -11 to 11.</p> <p>_____ (10 Points) Number the vertical axis from -11 to 11.</p> <p>_____ (20 Points) Plot and connect the given points.</p> <p>_____ (40 Points) Write the reflection of each point.</p> <p>_____ (20 Points) Plot and connect the points to make the reflection.</p> <p>_____ Total</p>

Ghost Graph Answer Key

Connect	Reflect	Connect
(0,11)	→	(0,11)
(3,10)	→	(- 3,10)
(5, 8)	→	(- 5, 8)
(6, 6)	→	(- 6, 6)
(7, 3)	→	(- 7, 3)
(8, 0)	→	(- 8, 0)
(9, -4)	→	(- 9, -4)
(11, -11)	→	(-11, -11)
(8, -9)	→	(- 8, -9)
(4, -11)	→	(- 4, -11)
(0, -9)	→	(0, -9)
Stop		Stop
Connect		Connect
(2, 5)	→	(- 2, 5)
(3, 6)	→	(- 3, 6)
(4, 5)	→	(- 4, 5)
(3, 4)	→	(- 3, 4)
Stop		Stop
Connect		Connect
(0, 0.5)	→	(0, 0.5)
(2, 1)	→	(- 2, 1)
(1.5, -1)	→	(- 1.5, -1)
(0, -2)	→	(0, -2)
Stop		Stop