Name: _____

Hr: _____ Date: _____

Creepy Crawly Caterpillar

Directions:

___ Number the x-axis from -4 to 4.

___ Number the y-axis from -7 to 8.

___ Plot and connect the given points.

___ Flip each point across the y-axis.

___ Record the ordered pairs.

Connect as you plot points	Reflect	Connect as you plot points
(x, y)	→	(-x, y)
(0, 8)	→	
(-1, 8)	→	
(-2, 7)	→	
(-2, 6)	→	
(-1, 5)	→	
(-2, 4)	→	
(-2, 3)	→	
(-1, 2)	→	
(-2, 1)	→	
(-2, 0)	→	
(-1, -1)	→	
(-2, -2)	→	
(-2, -3)	→	
(-1, -4)	→	
(-2, -5)	→	
(-2, -6)	→	
(-1, -7)	→	
(0, -7)	→	
Stop		Stop
Antenna		Antenna
(-1, 8)	→	
(-4, 10)	→	
Stop		Stop

Name: _____

Hr: _____ Date: _____

Creepy Crawly Caterpillar

Directions:

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Connect as you plot points	Reflect	Connect as you plot points
(x, y)	→	(-x, y)
(0, 8)	→	
(-1, 8)	→	
(-2, 7)	→	
(-2, 6)	→	
(-1, 5)	→	
(-2, 4)	→	
(-2, 3)	→	
(-1, 2)	→	
(-2, 1)	→	
(-2, 0)	→	
(-1, -1)	→	
(-2, -2)	→	
(-2, -3)	→	
(-1, -4)	→	
(-2, -5)	→	
(-2, -6)	→	
(-1, -7)	→	
(0, -7)	→	
Stop		Stop
Antenna		Antenna
(-1, 8)	→	
(-4, 10)	→	
Stop		Stop

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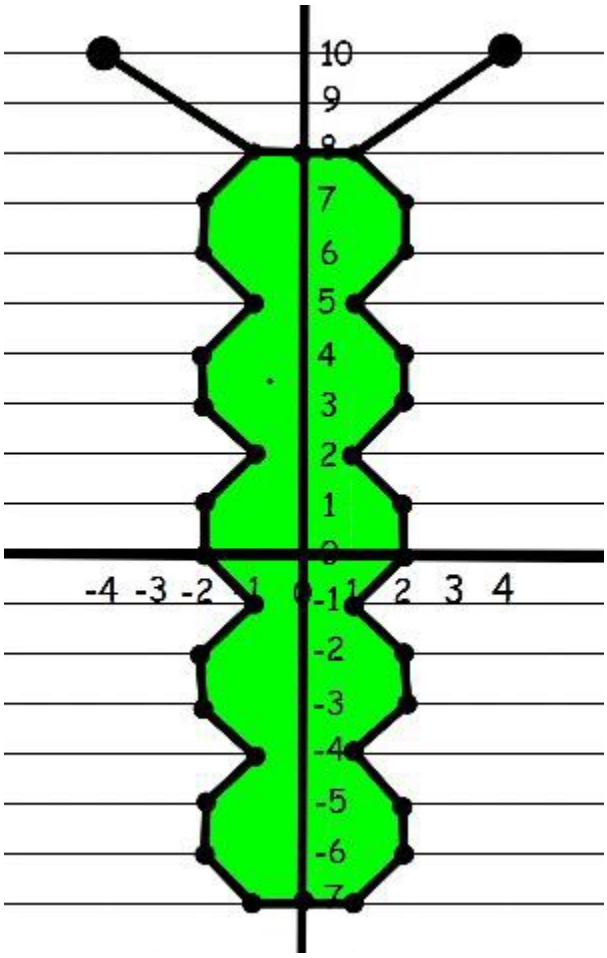
Creepy Crawly Caterpillar Graph Answer Key

Connect as you plot points	Reflect	Connect as you plot points
(x, y)	→	(-x, y)
(0, 8)	→	(0, 8)
(-1, 8)	→	(1, 8)
(-2, 7)	→	(2, 7)
(-2, 6)	→	(2, 6)
(-1, 5)	→	(1, 5)
(-2, 4)	→	(2, 4)
(-2, 3)	→	(2, 3)
(-1, 2)	→	(1, 2)
(-2, 1)	→	(2, 1)
(-2, 0)	→	(2, 0)
(-1, -1)	→	(1, -1)
(-2, -2)	→	(2, -2)
(-2, -3)	→	(2, -3)
(-1, -4)	→	(1, -4)
(-2, -5)	→	(2, -5)
(-2, -6)	→	(2, -6)
(-1, -7)	→	(1, -7)
(0, -7)	→	(0, -7)
Stop		Stop
Antenna		Antenna
(-1, 8)	→	(1, 8)
(-4, 10)	→	(4, 10)
Stop		Stop


10
9
8
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
-4 -3 -2 -1 0 1 2 3 4

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