

Name : _____ Score : _____

Teacher : _____ Date : _____

Jack-O-Lantern

For each Shape plot the ordered pairs on the axis and connect them in order.
Do not connect the Shapes to each other.

Shape 1

$(-1,9)$, $(-5,10)$, $(0,11)$, $(1,12)$, $(2,13)$, $(3,13.5)$, $(3.5,12.5)$, $(2,11)$, $(1,10)$, $(1.5,8.5)$
 $(2,8)$, $(2,7.5)$, $(1,7)$, $(.5,7)$, $(0,7)$, $(-1,7.5)$, $(-1.5,8)$, $(-1,9)$

Shape 2

$(1.5,8.5)$, $(3,8.5)$, $(6,8.5)$, $(8,7.5)$, $(9.5,6.5)$, $(10.5,5)$, $(11,4)$, $(11.5,2)$, $(12,0)$, $(11.5,-3)$
 $(10.5,-5)$, $(9,-7)$, $(7,-8.5)$, $(5,-9.5)$, $(3,-10)$, $(1,-10)$, $(-1.5,-10)$, $(-3.5,-10)$, $(-6,-9)$, $(-8.5,-7)$
 $(-10,-5)$, $(-11.5,-2)$, $(-12,0)$, $(-11.5,2)$, $(-11,4)$, $(-10,6)$, $(-8,7.5)$, $(-6,8.5)$, $(-4,9)$, $(-2,9)$, $(-1,9)$

Shape 3

$(2,8)$, $(5,7.5)$, $(7,6.5)$, $(8.5,5)$, $(9.5,3)$, $(10,1)$, $(10.5,-1)$, $(10,-3)$, $(9,-5.5)$, $(7,-8.5)$

Shape 4

$(2,8)$, $(4,7)$, $(6,5)$, $(7,3)$, $(7.5,0)$, $(7.5,-2)$

Shape 5

$(7.5,-3.5)$, $(7,-5)$, $(6,-7)$, $(5,-9.5)$

Shape 6

$(0,-5.5)$, $(.5,-8)$, $(1,-10)$

Shape 7

$(2,7.5)$, $(3,6.5)$, $(4,4)$, $(6,1)$, $(4.5,1)$, $(1.5,1)$, $(4,4)$

Shape 8

$(4.5,1)$, $(4.5,-1)$, $(4.5,-3)$

Shape 9

$(4,-6.5)$, $(4,-8)$, $(3,-10)$

Shape 10

$(.5,7)$, $(0,5)$, $(0,0)$, $(-1,-1.5)$, $(0,-1.5)$, $(1.5,-1.5)$, $(.5,.5)$, $(0,0)$

Shape 11

$(0,-1.5)$, $(0,-3.5)$, $(1.5,-3.5)$, $(1.5,-4.5)$, $(3.5,-4.5)$, $(3,-3)$, $(4.5,-3)$, $(7.5,-2)$, $(8.5,-2)$, $(7.5,-3.5)$
 $(6,-5)$, $(5,-6)$, $(4,-6.5)$, $(1.5,-7)$, $(1,-5.5)$, $(0,-5.5)$, $(-1,-5.5)$, $(-1,-7.5)$, $(-3,-6.5)$, $(-5,-5.5)$
 $(-7.5,-1.5)$, $(-3.5,-3)$, $(-4,-4.5)$, $(-2,-4.5)$, $(-1.5,-3)$, $(0,-3.5)$

Shape 12

$(-1,7.5)$, $(-2.5,6)$, $(-3,5)$, $(-3.5,4)$, $(-1.5,1)$, $(-4,.5)$, $(-6,.5)$, $(-3.5,4)$

Shape 13

$(-4,5)$, $(-4,-1)$, $(-3.5,-3)$

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Shape 14

$(-3, -6.5)$, $(-2.5, -8)$, $(-1.5, -10)$

Shape 15

$(-1.5, 8)$, $(-2.5, 8)$, $(-4, 7)$, $(-5.5, 6)$, $(-7, 4)$, $(-8, 2)$, $(-8, 0)$, $(-8, -2)$, $(-7.5, -4)$, $(-7, -5.5)$

$(-5.5, -7.5)$, $(-3.5, -10)$

Shape 16

$(-2, 9)$, $(-4, 8.5)$, $(-6, 7.5)$, $(-8, 6)$, $(-9.5, 3.5)$, $(-10, 2)$, $(-10.5, 0)$, $(-10.5, -2)$, $(-9.5, -4.5)$, $(-8.5, -7)$