

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

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





