

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Homer

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,-6.5) , (3,-7) , (5,-7) , (6.5,-7) , (7.5,-6.5) , (9,-6) , (9.5,-5) , (9.5,-4) , (9.5,-3) , (9,-2) , (8.5,-1)  
(8,-.5) , (7.5,-.5) , (6,-.5) , (3,-1) , (1,-2) , (-.5,-3) , (-1.5,-4) , (-2,-6) , (-2,-7) , (-1,-9) , (0,-10)  
(2,-10.5) , (4,-10.5) , (5,-10) , (5.5,-9.5) , (6,-8.5) , (7,-8) , (7.5,-7.5) , (7.5,-6.5)

### Shape 2

(7.5,-.5) , (8,0) , (8.5,.5) , (8.5,1.5) , (8,2) , (6.5,2.5) , (5,2) , (3.5,2) , (3.5,4) , (3.5,5) , (3.5,6)  
(4,6.5) , (5,7) , (6,7) , (7,6.5) , (8,5.5) , (8.5,5) , (8.5,3) , (8,2)

### Shape 3

(3.5,2) , (2.5,1) , (2,.5) , (1,0) , (0,0) , (-2,.5) , (-3,2) , (-3.5,4) , (-2.5,5.5) , (-1.5,6)  
(0,6.5) , (2,6) , (3,5.5)

### Shape 4

(-7.5,-2) , (-7.5,0) , (-7.5,2) , (-6.5,0) , (-5.5,-1.5) , (-5.5,0) , (-5.5,2.5) , (-4,-.5)

### Shape 5

(-5.5,-1.5) , (-6,0) , (-6.5,2) , (-7.5,4) , (-8,6) , (-8.5,8) , (-8,10) , (-7,11.5) , (-6,12.5) , (-5,13.5) , (-4,14)  
(-3,14.5) , (-1.5,14.5) , (-.5,14.5) , (1,14.5) , (2.5,14) , (3.5,13) , (4.5,12) , (5.5,10) , (6,9) , (6.5,8)  
(7.5,7) , (8,6) , (8,5.5)

### Shape 6

(-7.5,9) , (-8,10) , (-8.5,12) , (-7.5,14) , (-6,15) , (-4.5,14.5) , (-4,14)

### Shape 7

(-6.5,11.5) , (-6.5,13) , (-6.5,14) , (-5.5,15.5) , (-4,16) , (-2,16) , (-1,15.5) , (-.5,14.5)

### Shape 8

(-4,-2.5) , (-4.5,-1.5) , (-5.5,-1.5) , (-6.5,-2) , (-6.5,-3) , (-6.5,-4) , (-6,-4.5) , (-5.5,-4.5) , (-4.5,-4.5) , (-4,-4)

### Shape 9

(-5.5,-4.5) , (-5.5,-6) , (-5.5,-8) , (-6,-9) , (-7,-10) , (-7.5,-12) , (-7.5,-13) , (-7,-14) , (-5,-15) , (-2,-16)  
(0,-16.5) , (.5,-13) , (1.5,-11.5) , (-1,-11.5) , (-3,-11) , (-5,-10) , (-6,-9)

### Shape 10

(1.5,-11.5) , (3,-14) , (4.5,-16) , (5.5,-14) , (6.5,-11) , (5,-10) , (5.5,-14)

### Shape 11

(6.5,-11) , (7,-13) , (7.5,-14.5) , (8,-16) , (6.5,-14) , (5.5,-14)

### Shape 12

(7.5,-14.5) , (11,-15) , (13,-17) , (-5,-17)



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### Shape 13

$(-7.5, -13)$  ,  $(-8, -14)$  ,  $(-8.5, -14.5)$

### Shape 14

$(-5, -17)$  ,  $(-13, -17)$  ,  $(-11, -15)$  ,  $(-10, -14.5)$  ,  $(-8.5, -14.5)$  ,  $(-7.5, -14.5)$  ,  $(-6, -16)$  ,  $(-5, -17)$

### Shape 15

$(-5.5, -2)$  ,  $(-6, -3)$  ,  $(-5.5, -3.5)$

### Shape 16

$(-6, -3)$  ,  $(-5.5, -3)$

### Shape 17

$(.5, -7)$  ,  $(1, -6.5)$  ,  $(1.5, -6)$

**Draw a .5 radius circle around these points.**

$(0, 2.5)$  and  $(6, 3.5)$



