

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

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

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

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

## Scooby Doo

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

$(-6,-15.5)$  ,  $(-6,-17)$  ,  $(-7.5,-17.5)$  ,  $(-7.5,-16)$  ,  $(-6,-15.5)$

### Shape 2

$(-5.5,-13.5)$  ,  $(-5.5,-14.5)$  ,  $(-8,-15.5)$  ,  $(-8,-18.5)$  ,  $(-5.5,-17.5)$  ,  $(-5,-15)$  ,  $(-5.5,-14.5)$

### Shape 3

$(-5,-15)$  ,  $(-5,-14)$  ,  $(-3,-12.5)$  ,  $(-2,-13)$  ,  $(0,-13.5)$  ,  $(4,-13)$  ,  $(5,-12)$  ,  $(5.5,-10.5)$  ,  $(6,-11)$  ,  $(5,-12)$

### Shape 4

$(5.5,-10.5)$  ,  $(6.5,-10.5)$  ,  $(6.5,-14)$  ,  $(4,-15)$  ,  $(0,-15.5)$  ,  $(-2,-15.5)$  ,  $(-4,-15)$  ,  $(-5,-14)$

### Shape 5

$(-5,-14)$  ,  $(-5.5,-13.5)$  ,  $(-6,-13)$  ,  $(-6,-11)$  ,  $(-5,-11)$  ,  $(-5.5,-12)$  ,  $(-4,-12.5)$  ,  $(-5.5,-13.5)$  ,  $(-4,-12.5)$  ,  $(-3,-12.5)$

### Shape 6

$(-5,-11)$  ,  $(-4,-9)$  ,  $(-2.5,-5.5)$  ,  $(-2,-6)$  ,  $(-5,-6)$  ,  $(2,-5)$  ,  $(3,-4)$  ,  $(4,-2.5)$  ,  $(4.5,-1)$  ,  $(5,1)$   
 $(5,3)$  ,  $(4.5,3.5)$  ,  $(3.5,4)$  ,  $(4,2.5)$  ,  $(3.5,2)$  ,  $(2.5,2.5)$  ,  $(2.5,1.5)$  ,  $(2.5,0)$  ,  $(2,-.5)$  ,  $(1,-1.5)$   
 $(0,-2)$  ,  $(-2,-2)$  ,  $(-3.5,-1)$  ,  $(-4,-.5)$  ,  $(-5,.5)$

### Shape 7

$(3.5,2)$  ,  $(3,.5)$  ,  $(2.5,-1)$  ,  $(2,-2)$  ,  $(1,-2.5)$  ,  $(-.5,-3.5)$  ,  $(-1.5,-3)$  ,  $(-3,-2.5)$  ,  $(-4,-2)$  ,  $(-3.5,-1)$   
 $(-4.5,-2)$  ,  $(-4.5,-2.5)$  ,  $(-4,-3.5)$  ,  $(-3.5,-3.5)$  ,  $(-3,-4)$  ,  $(-1.5,-4)$

### Shape 8

$(-3.5,-3.5)$  ,  $(-4,-4)$  ,  $(-3,-5)$  ,  $(-2.5,-5.5)$

### Shape 9

$(-4,-.5)$  ,  $(-5.5,-1.5)$  ,  $(-6.5,-1)$  ,  $(-6.5,0)$  ,  $(-7,1)$  ,  $(-8.5,2.5)$  ,  $(-8.5,4.5)$  ,  $(-7.5,5.5)$  ,  $(-7,5.5)$  ,  $(-6.5,6)$   
 $(-4.5,7)$  ,  $(-4,7)$  ,  $(-3,6)$  ,  $(-2,5)$  ,  $(-2,4)$  ,  $(-3,3)$  ,  $(-5,2)$  ,  $(-6,3)$  ,  $(-6.5,4.5)$  ,  $(-7,5.5)$

### Shape 10

$(5.5,-10.5)$  ,  $(6,-8)$  ,  $(7,-4)$  ,  $(7.5,-2)$  ,  $(8,0)$  ,  $(8,2)$  ,  $(7.5,4)$  ,  $(7,6)$  ,  $(8,6.5)$  ,  $(8.5,7)$   
 $(8.5,8)$  ,  $(8,8.5)$  ,  $(8.5,9)$  ,  $(9.5,10)$  ,  $(9,11)$  ,  $(7.5,10)$  ,  $(6.5,10.5)$  ,  $(5.5,8.5)$  ,  $(5,8)$  ,  $(5,6)$

### Shape 11

$(5.5,8.5)$  ,  $(5,9.5)$  ,  $(4,9.5)$  ,  $(1.5,10)$  ,  $(-.5,9.5)$  ,  $(-1,9)$  ,  $(-.5,8.5)$  ,  $(-2,7)$  ,  $(-3,7)$  ,  $(-4,7)$

### Shape 12

$(1.5,10)$  ,  $(1.5,11)$  ,  $(-5,12)$  ,  $(0,12.5)$  ,  $(.5,13)$  ,  $(.5,14)$  ,  $(-5,14)$  ,  $(-1.5,12.5)$  ,  $(-1,11.5)$  ,  $(-2,10.5)$  ,  $(-1,9)$

### Shape 13

$(-.5,9.5)$  ,  $(-.5,11.5)$  ,  $(-.5,13)$



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#### Shape 14

$(-3,7)$  ,  $(-1,6.5)$  ,  $(-.5,6)$  ,  $(0,6)$  ,  $(.5,6.5)$  ,  $(1,8)$  ,  $(.5,8.5)$  ,  $(-.5,8)$  ,  $(-1,7.5)$  ,  $(-1.5,7)$  ,  $(-1,6.5)$

#### Shape 15

$(.5,6.5)$  ,  $(1,5.5)$  ,  $(2,5)$  ,  $(2.5,5.5)$  ,  $(3,6.5)$  ,  $(3,7.5)$  ,  $(2,8)$  ,  $(1,7.5)$  ,  $(.5,6.5)$

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

$(-.5,6.5)$  and  $(2,6.5)$



