

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

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

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

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

## Pikachu

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

$(-3.5, -14.5)$  ,  $(-4.5, -14.5)$  ,  $(-5.5, -16)$  ,  $(-4.5, -15.5)$  ,  $(-4.5, -16)$  ,  $(-4, -15.5)$  ,  $(-4, -16.5)$  ,  $(-2.5, -14.5)$  ,  $(-.5, -13.5)$  ,  $(3, -14.5)$   
 $(0, -14)$  ,  $(-2.5, -14.5)$

### Shape 2

$(4, -14)$  ,  $(4.5, -14)$  ,  $(6, -15.5)$  ,  $(5, -15.5)$  ,  $(5.5, -16)$  ,  $(4.5, -15.5)$  ,  $(5, -17)$  ,  $(3, -14.5)$

### Shape 3

$(-4.5, -14.5)$  ,  $(-5, -14.5)$  ,  $(-6, -14)$  ,  $(-7, -13)$  ,  $(-7.5, -12)$  ,  $(-8.5, -10)$  ,  $(-8.5, -8)$  ,  $(-8, -5)$  ,  $(-7.5, -2.5)$  ,  $(-6, -3)$

### Shape 4

$(4.5, -14)$  ,  $(5, -14)$  ,  $(6, -13.5)$  ,  $(6.5, -13)$  ,  $(7, -12)$  ,  $(7.5, -10)$  ,  $(7.5, -7.5)$  ,  $(7.5, -5)$  ,  $(7, -3)$  ,  $(6, -1.5)$  ,  $(5, -2.5)$

### Shape 5

$(6, -1.5)$  ,  $(6.5, -1)$  ,  $(7, 0)$  ,  $(7, 1)$  ,  $(6.5, 3)$  ,  $(6, 4)$  ,  $(5, 5.5)$  ,  $(4.5, 7)$  ,  $(8, 6.5)$  ,  $(11, 10)$   
 $(13, 9.5)$  ,  $(8, 6.5)$  ,  $(5, 5.5)$

### Shape 6

$(7, -12)$  ,  $(9, -9.5)$  ,  $(10.5, -7.5)$  ,  $(9, -6.5)$  ,  $(9, -7)$  ,  $(7.5, -7.5)$

### Shape 7

$(9, -7)$  ,  $(7.5, -5)$  ,  $(9.5, -3.5)$  ,  $(7.5, -1)$  ,  $(9, 2)$  ,  $(14, 8)$  ,  $(14, 5)$  ,  $(11.5, -1.5)$  ,  $(13, -3.5)$  ,  $(9.5, -5.5)$  ,  $(10.5, -7.5)$

### Shape 8

$(11, 10)$  ,  $(7, 9.5)$  ,  $(3, 8.5)$  ,  $(1, 9)$  ,  $(-1, 9)$  ,  $(-3, 8.5)$  ,  $(-5, 8)$  ,  $(-7, 10)$  ,  $(-11, 12)$  ,  $(-13.5, 13)$   
 $(-11.5, 10)$  ,  $(-10, 8)$  ,  $(-11, 12)$

### Shape 9

$(-7.5, 5.5)$  ,  $(-6, 7)$  ,  $(-10, 8)$  ,  $(-7.5, 5.5)$  ,  $(-8, 3)$  ,  $(-8.5, 1)$  ,  $(-8.5, -1)$  ,  $(-8, -2)$  ,  $(-7.5, -2.5)$

### Shape 10

$(-6.5, -2)$  ,  $(-5.5, -1.5)$  ,  $(-5.5, -1)$  ,  $(-5.5, 0)$  ,  $(-6.5, .5)$  ,  $(-7.5, 0)$  ,  $(-7.5, -1)$  ,  $(-7, -1.5)$  ,  $(-6.5, -2)$

### Shape 11

$(4, 0)$  ,  $(4.5, 1)$  ,  $(5.5, 1)$  ,  $(6.5, .5)$  ,  $(6, -.5)$  ,  $(5, -1.5)$  ,  $(4.5, -1)$  ,  $(4, 0)$

### Shape 12

$(1, -4)$  ,  $(-.5, -5.5)$  ,  $(-1.5, -5)$  ,  $(-2.5, -4)$  ,  $(1, -4)$

### Shape 13

$(2, -.5)$  ,  $(1, -1)$  ,  $(-.5, -.5)$  ,  $(-1, -.5)$  ,  $(-2, -1)$  ,  $(-3, -.5)$

### Shape 14

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



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#### Shape 15

(3,2) , (4,2) , (4.5,2.5) , (4.5,3) , (4.5,4) , (4,4.5) , (3,4.5) , (2,4) , (2,3) , (3,2)

#### Shape 16

(-5,1.5) , (-4,2) , (-3.5,3) , (-4,4) , (-4.5,4.5) , (-5.5,4.5) , (-6,4) , (-6.5,3) , (-6,2) , (-5,1.5)

#### Shape 17

(3.5,-5) , (2.5,-9.5) , (3,-9) , (3,-10) , (4,-9) , (4,-10) , (6.5,-6)

#### Shape 18

(-5.5,-4.5) , (-3,-9) , (-3,-10) , (-3.5,-9.5) , (-3.5,-10.5) , (-4,-10) , (-4,-11) , (-7,-8)

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

(-5.5,3.5) and (3,3.5)



