

Name : _____

Score : _____

Teacher : _____

Date : _____

Patrick

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

$(-8.5, -2)$, $(-12, 3)$, $(-13.5, 7)$, $(-13.5, 8.5)$, $(-12.5, 9)$, $(-11, 8.5)$, $(-8, 5.5)$, $(-5, 3.5)$

Shape 2

$(3.5, 1.5)$, $(5, 3)$, $(9, 6)$, $(12.5, 8)$, $(13.5, 7.5)$, $(13.5, 7)$, $(13, 5)$, $(11, 2)$, $(7, -3)$, $(6, -4.5)$

Shape 3

$(-5, -13.5)$, $(-5, -14.5)$, $(-5, -15.5)$, $(.5, -16)$, $(3, -16)$, $(4, -16)$, $(5, -15.5)$, $(6, -15)$, $(5.5, -13)$, $(7, -11)$
 $(8, -8)$, $(8, -7)$, $(8, -6)$, $(7, -3)$

Shape 4

$(-5, -14.5)$, $(-3.5, -14)$, $(-6, -13)$, $(-8.5, -11.5)$, $(-9.5, -10)$, $(-10, -8)$, $(-10, -6)$, $(-10, -5)$, $(-9, -3)$, $(-8.5, -2)$
 $(-5, 3.5)$, $(-4, 5.5)$

Shape 5

$(-1, 9)$, $(-1.5, 8)$, $(-1.5, 6)$, $(-2, 5)$, $(-3, 4.5)$, $(-4, 5.5)$, $(-4.5, 7)$, $(-4.5, 8)$, $(-4, 9)$, $(-3, 9.5)$
 $(-2, 10)$, $(-1, 9)$, $(.5, 9.5)$, $(1.5, 9)$, $(2, 7.5)$, $(1.5, 6.5)$, $(1.5, 5)$, $(0, 4.5)$, $(-1, 5)$, $(-1.5, 6)$

Shape 6

$(-2, 10)$, $(-1.5, 11)$, $(-2, 11)$, $(-2, 11.5)$, $(-2.5, 11.5)$, $(-1.5, 12)$, $(-5, 12)$, $(-1, 11.5)$, $(-5, 11.5)$, $(-1.5, 11)$

Shape 7

$(0, 11)$, $(.5, 11)$, $(.5, 11.5)$, $(2, 11)$, $(1.5, 10.5)$, $(2, 10)$, $(0, 11)$

Shape 8

$(-1.5, 12)$, $(0, 14)$, $(2, 16.5)$, $(3.5, 17.5)$, $(5, 17.5)$, $(5.5, 16)$, $(5, 15)$, $(4, 14)$, $(4, 6)$, $(5, 3)$

Shape 9

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

Shape 10

$(.5, 1.5)$, $(.5, 1)$, $(-5, .5)$, $(-1.5, 0)$, $(-3.5, 0)$, $(-3.5, .5)$, $(-2.5, 1)$, $(-1.5, 1)$, $(-1.5, .5)$, $(-1, 1)$, $(.5, 1.5)$

Shape 11

$(-3.5, -7.5)$, $(-4, -8)$, $(-5, -8)$, $(-5.5, -7.5)$, $(-5.5, -6.5)$

Shape 12

$(-4.5, -6.5)$, $(-5, -7)$, $(-4.5, -7.5)$

Shape 13

$(-10, -5)$, $(-9, -6)$, $(-7, -8)$, $(-4, -9)$, $(-1, -9.5)$, $(1, -9.5)$, $(4, -8.5)$, $(6, -7.5)$, $(8, -6)$

Shape 14

$(8, -7)$, $(6, -8.5)$, $(4, -9.5)$, $(1, -10.5)$, $(-1, -10.5)$, $(-4, -10)$, $(-7, -9)$, $(-8.5, -7.5)$, $(-10, -6)$



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Shape 15

$(-8.5, -7.5)$, $(-8.5, -9)$, $(-8, -10)$, $(-7, -9.5)$, $(-7, -10)$, $(-7.5, -10.5)$, $(-7.5, -11)$, $(-7, -11.5)$, $(-6, -12)$, $(-4.5, -12)$
 $(-4.5, -11)$, $(-4, -10.5)$, $(-3.5, -11)$, $(-3.5, -11.5)$, $(-3, -12)$, $(-2, -11.5)$, $(-1, -10.5)$

Shape 16

$(7, -11)$, $(5.5, -10.5)$, $(4, -11)$, $(3.5, -12.5)$, $(5, -13.5)$, $(4.5, -14)$, $(3.5, -13.5)$, $(3, -14)$, $(3, -16)$

Shape 17

$(-8.5, -11.5)$, $(-9, -13.5)$, $(-8, -14.5)$, $(-7, -15)$, $(-5, -15.5)$, $(-4.5, -15.5)$, $(-3.5, -15)$, $(-3.5, -14)$

Shape 18

$(-8, -14.5)$, $(-8, -16)$, $(-7.5, -17)$, $(-7, -18)$, $(-6, -18)$, $(-4.5, -16.5)$, $(-4.5, -15.5)$

Shape 19

$(.5, -16)$, $(1, -18)$, $(2, -19)$, $(3.5, -19)$, $(4, -18)$, $(4.5, -17)$, $(5, -15.5)$

Plot these points.

$(2.5, 14.5)$

$(-9, 4.5)$

$(8.5, 1.5)$

$(-8, -4)$

$(-1.5, -5.5)$

Draw a .5 radius circle around these points.

$(-2.5, 7.5)$ and $(0, 7)$



