



## Shape Search – Extra Practice

*Note: You will need to use your own graph paper for Questions #1 and 2.*

1. Directions:

Create the shape asked for in each example, so that  $\overline{AB}$  is a side of the shape.  
Explain how you know you have created the shape asked for.

a.  $A(-3, 5)$  and  $B(-3, -4)$   
Trapezoid

b.  $A(3, 4)$  and  $B(6, 0)$   
Right isosceles triangle

c.  $A(-2, 1)$  and  $B(7, 4)$   
Rhombus (that is not square)

2. Directions:

Find two points on the given line. Label them P and Q.

Using  $\overline{PQ}$  as a side of your shape, create the shapes asked for.

a.  $y = 3x - 2$   
Rectangle

b.  $y = \frac{1}{2}(x + 1) - 3$   
Kite

c.  $y = -\frac{5}{2}x$   
Right scalene triangle