

Name \_\_\_\_\_

Date \_\_\_\_\_

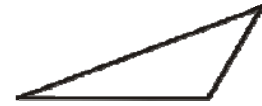
## Geometric Shapes with Given Conditions - Matching Worksheet

Match the problems to their answers.

\_\_\_\_\_ 1. Draw an obtuse triangle. An obtuse angle is greater than  $90^\circ$  and less than  $180^\circ$ . a. 1

\_\_\_\_\_ 2. Draw a 6-sided polygon (a flat shape with straight sides). b. 2

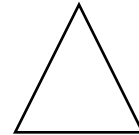
\_\_\_\_\_ 3. Which measures will create a triangle? Possibilities to examine are:  
1. 8 cm, 2 cm, and 10 cm  
2. 7 cm, 2cm, and 4 cm  
3. 5 cm, 3 cm, 1 cm c.



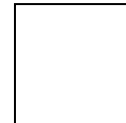
\_\_\_\_\_ 4. Identify the quadrilateral that has four sides and angles are equal. d.



\_\_\_\_\_ 5. Draw a polygon that has three corners or vertices and three sides. e.



\_\_\_\_\_ 6. Draw quadrilateral whose opposite sides are parallel and equal in length. f.



\_\_\_\_\_ 7. Which possibility below will create a triangle:  
1. 5 cm, 2 cm, and 4 cm  
2. 6 cm, 3 cm, and 10 cm g.

