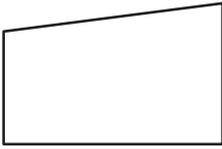
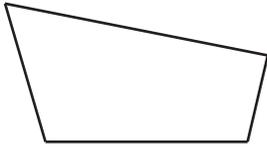
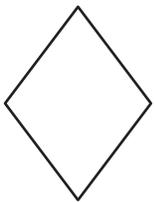


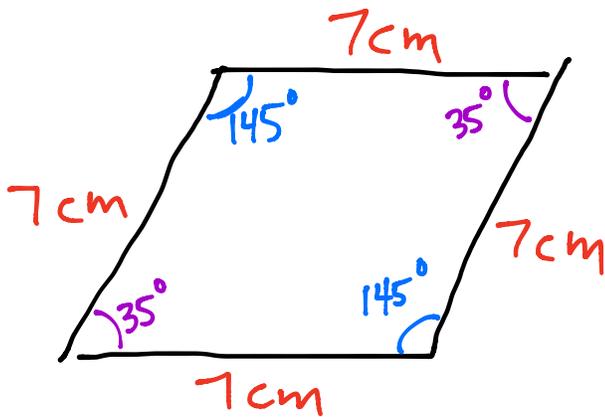
Name \_\_\_\_\_

Date \_\_\_\_\_

1. Use your ruler, protractor, and set square to help you give as many names as possible for each figure below. Then, explain your reasoning for how you named each figure.

| Figure  | Names  | Reasoning for Names  |
|---|--|--|
| a.<br>   | Quadrilateral<br>Trapezoid                                     | Has four sides<br>1 pair of parallel sides   |
| b.<br>  | Quadrilateral  | Has four sides   |
| c.<br> | Quadrilateral<br>Trapezoid<br>Parallelogram                    | Has four sides<br>at least 1 pair of parallel sides<br>Opposite sides are congruent  |
| d.<br> | Quadrilateral<br>Trapezoid<br>Parallelogram<br>Kite<br>Rhombus | Has four sides<br>at least 1 pair of parallel sides<br>Opposite sides are congruent<br>Adjacent sides are congruent<br>All sides are congruent |

2. Mark draws a figure that has the following characteristics:
- Exactly 4 sides that are each 7 centimeters long
  - Two sets of parallel lines
  - Exactly 4 angles that measure 35 degrees, 145 degrees, 35 degrees, and 145 degrees
- a. Draw and label Mark's figure below.



- b. Give as many names of quadrilaterals as possible for Mark's figure. Explain your reasoning for the names of Mark's figure.

Quadrilateral Has four sides  
 Trapezoid at least 1 pair of parallel sides  
 Parallelogram Opposite sides are congruent  
 Kite Adjacent sides are congruent  
 Rhombus All sides are congruent

- c. List the names of Mark's figure in Problem 2(b) in order from least specific to most specific. Explain your thinking.

Quadrilateral Trapezoid Parallelogram Kite Rhombus

