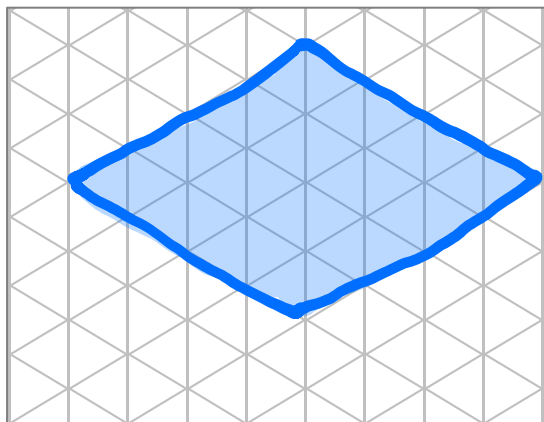


Name \_\_\_\_\_

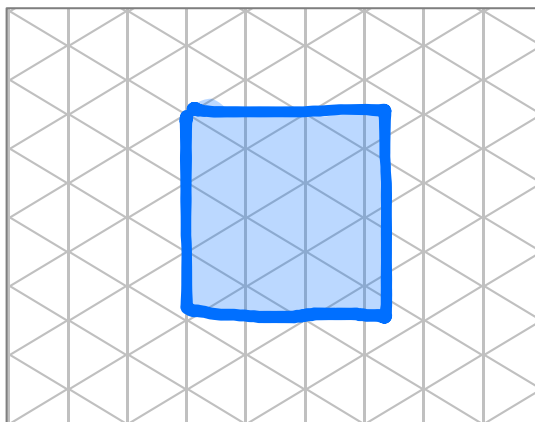
Date \_\_\_\_\_

1. Use the grid paper to draw.

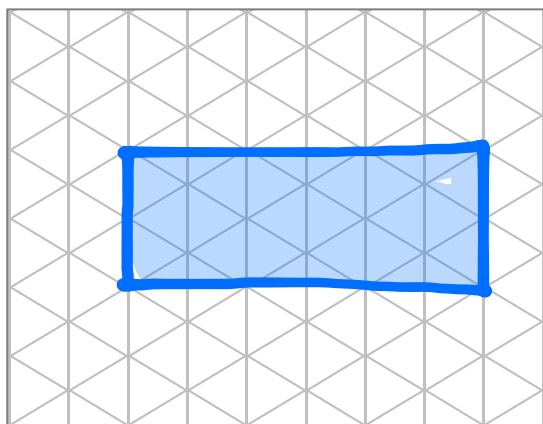
a. A rhombus with no right angles.



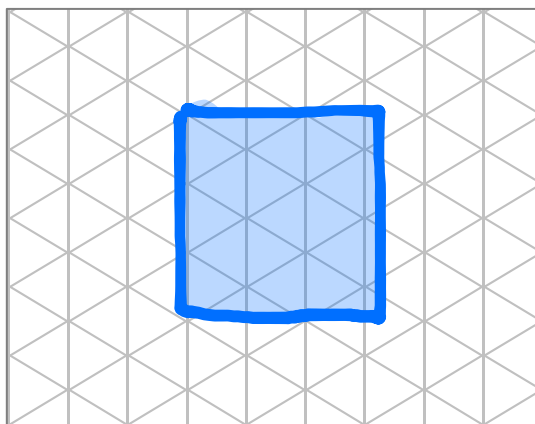
b. A rhombus with 4 right angles.



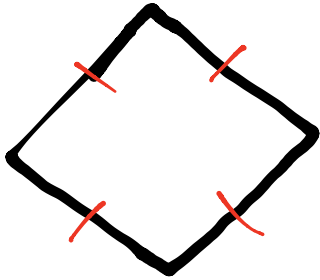
c. A rectangle with not all sides equal.



d. A rectangle with all sides equal.



2. A rhombus has a perimeter of 217 cm. What is the length of each side of the rhombus?



$$\begin{aligned} \text{Perimeter} &= 217 \text{ cm} \\ 4 \text{ sides} &= 217 \text{ cm} \\ 1 \text{ side} &= 54\frac{1}{4} \text{ cm} \end{aligned}$$

$$\begin{array}{r} 54\frac{1}{4} \\ 4 \overline{) 217} \\ \underline{-20} \phantom{0} \\ 17 \\ \underline{-16} \\ 1 \end{array}$$

Each side is  $54\frac{1}{4}$  cm long.

3. List the properties that all rhombuses share.

- 4 sides of equal length
- opposite angles are congruent
- opposite sides are parallel

4. List the properties that all rectangles share.

- opposite sides are equal lengths.
- two pairs of parallel sides.
- four right angles