## Properties of Quadrilaterals

Quadrilateral \begin{tabular}{c}
Definition <br>

Parallelogram | A quadrilateral with |
| :--- |
| both pairs of opposite |
| sides parallel and |
| equal in length | <br>

Rhombus | A parallelogram with |
| :--- |
| four right angles | <br>

Square | A parallelogram with |
| :--- |
| all sides the same |
| length | <br>

| A rectangle with all |
| :--- |
| sides the same length | <br>

Trapezoid <br>

| A quadrilateral with |
| :--- |
| only one pair of |
| parallel sides | <br>

\hline
\end{tabular}

Remember that the sum of the measures of the angles of a quadrilateral is $360^{\circ}$.

Classify each quadrilateral. Be as specific as possible.
1.

2.

3.

4. How is a square similar to a rhombus? How is it different?

