$\qquad$

## Holy Quadrilateral Batman! (cont'd)

This is helpful to prove:

Mark an " $X$ " in the boxes that you know are true for each quadrilateral. As you work through this paper, continue to fill in information that you discover along the way. If you are still unsure, draw several examples of the figure (using the definition) and see what happens......

| Properties | Parallelogram | Rectangle | Rhombus | Square | Kite | Trapezoid |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- |
| Both Pairs of Opposite <br> sides are II |  |  |  |  |  |  |
| One Pair of Opposite sides <br> are II |  |  |  |  |  |  |
| Opposite sides are $\cong$ <br> Opposite angles are $\cong$ <br> Diagonals are $\perp$ <br> Diagonals are $\cong$ |  |  |  |  |  |  |
| Diagonals bisect each other |  |  |  |  |  |  |
| All angles are right angles |  |  |  |  |  |  |
| All sides are $\cong$ |  |  |  |  |  |  |

