**6-1 to 6-4 Review**

Determine the most precise name for the give quadrilateral. Make sure to show all your work to justify your answer and give an explanation.

  

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| Find the values of the variables and the length of the sides. | Find the values of the variables and the length of the sides. | Give the most precise name for the quadrilaterals. |
| Find the value of the variable for the parallelogram | Find the value of the variable for the parallelogram | Find the measure of the numbered angles in the parallelogram |
| Find the measure of the numbered angles in the parallelogram | Find the measure of the numbered angles in the parallelogram | Find the values of x and y that make the figure a parallelogram. |
| Find the values of x and y that make the figure a parallelogram. | Find the values of x and y that make the figure a parallelogram. | Find the value of x. Then determine whether or not the figure is a parallelogram. Explain. |
| For the parallelogram, give the most precise name and find the measure of the numbered angles | For the parallelogram, give the most precise name and find the measure of the numbered angles | HIJK is a rectangle. Find the value of the variable with the given diagonals. |
| Find the measure of the numbered angles for the rhombus | Determine whether the quadrilateral can be a parallelogram*One pair of opposite sides is parallel, and the other pair is congruent.* | Determine whether the quadrilateral can be a parallelogram*Opposite angles are congruent and supplementary, but the quadrilateral is not a rectangle.* |

 