**H. Geometry - Bellwork #16 Date: \_\_\_\_\_\_\_\_\_\_**

**Find the values for which the figure is a parallelogram.**

1.   2.  

 

**State whether each quadrilateral is a parallelogram. Explain why or why not.**

3. 4. 5.

  

**Classify each quadrilateral by its most precise name.**

6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 7. ­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 

8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 

**Answer each question below with *true* or *false*.**

10. All squares are rhombuses. \_\_\_\_\_\_\_\_\_\_\_\_

11. All rectangles are squares. \_\_\_\_\_\_\_\_\_\_\_\_

12. An isosceles trapezoid is a parallelogram. \_\_\_\_\_\_\_\_\_\_\_\_

13. A kite has one pair of parallel sides. \_\_\_\_\_\_\_\_\_\_\_\_

14. A trapezoid has exactly one pair of parallel sides. \_\_\_\_\_\_\_\_\_\_\_\_

15. A parallelogram has 2 pairs of parallel sides. \_\_\_\_\_\_\_\_\_\_\_\_

**Fill in the blank with the appropriate word.**

16. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a rectangle, rhombus, and parallelogram.

17. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has two pairs of adjacent, congruent sides and no parallel sides.

18. A rectangle has four \_\_\_\_\_\_\_\_\_ angles.

19. A rhombus is a parallelogram with four congruent \_\_\_\_\_\_\_\_\_\_\_.

20. Find x and y in the parallelogram below.

