

6-5 Practice

Form G

Conditions for Rhombuses, Rectangles, and Squares

Can you conclude that the parallelogram is a *rhombus*, a *rectangle*, or a *square*? Explain.



For what value of x is the figure the given special parallelogram?



Open-Ended Given two segments with lengths x and y ($x \neq y$), what special parallelograms meet the given conditions? Show each sketch.

11. One diagonal has length x , the other has length y . The diagonals intersect at right angles.

rhombus



12. Both diagonals have length y and do not intersect at right angles.

rectangle



Prentice Hall Geometry Chapter 8 Answers

ML Morrison



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