

Grade 6 - Scratch Geometry - The Rhombus

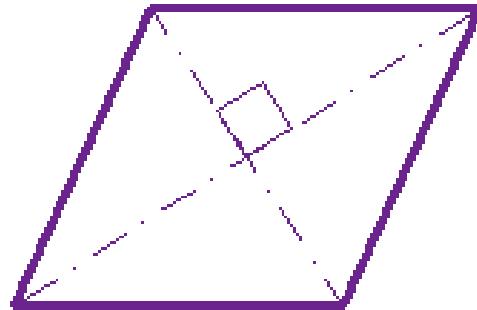
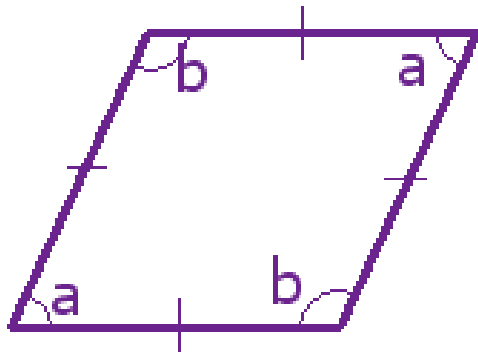
1) Your challenge is to create a rhombus.

What are the characteristics of a rhombus?

What about the sides?

What about the angles?

How many degrees in total around a rhombus?



A rhombus is a four-sided shape where all sides are equal in length.

Opposite sides are parallel *and* opposite angles are equal.

Another interesting thing is that the diagonals (dashed lines in second figure) meet in the middle at a right angle. In other words they "bisect" (cut in half) each other at a 90 degree angle.

A rhombus is sometimes incorrectly called a diamond.

Add the appropriate **move** blocks and **turn** blocks to create a rhombus.

Show Mr. Desmond what you have done.

2) Your challenge is to create a new rhombus that is substantially different than the rhombus you created above.

Show Mr. Desmond.