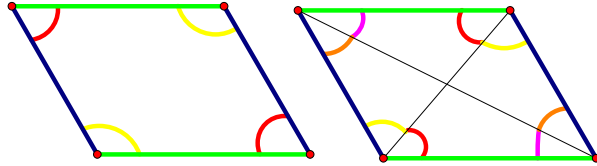


Things to remember about parallelograms:



- Opposite sides are parallel and have equal length. In the diagram above, the green sides are parallel and equal, and the blue sides are parallel and equal.
- Opposite angles are equal. In the diagram on the left, the two red angles have the same measure, and the two yellow angles have the same measure.
- Two angles touching the same side add up to 180. So yellow angle + red angle = 180.
- In the case where there are diagonals in the parallelogram, like in the right diagram, the opposite angles are the same. The angles marked red, yellow, orange, and pink in the diagram have the same measure as each other.
- In a rhombus, all sides are equal, so blue = green. They are also parallel. When there are diagonals in a rhombus, then the interior angles are the same. So red = yellow and pink = orange in the second diagram.

1.

2.

3.

4.

5.

6.

7.

8.