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If two sides are congruent, then the angles opposite those sides are congruent.

***Corollary:*** If a triangle is equilateral, then the triangle is equiangular (congruent angles).

**Converse of Isosceles Triangle Theorem:**

If two angles of a triangle are congruent, then the sides opposite those angles are also congruent.

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**Triangle Midsegment Theorem:**

If a segment joins the midpoints of two sides of a triangle, then the segment is parallel to the third side and is half as long.

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