8.

If the median to a side of a Δ is also an altitude to that side, then the Δ is isosceles.

Given:

Prove:

Statements	Reasons

9.

Prove that the line segments joining the vertex ∠ of an isosceles △ to the trisection points of the base are ≅.

Given:

Prove:

Statements	Reasons

11.

Prove that if 2 △s are ≅, then any pair of corresponding medians are ≅.

Given:

Prove:

Statements	Reasons

12.

Prove that if a Δ is isosceles, then the Δ formed by its base and the ∠ bisectors of its base ∠s is also isosceles.

Given:

Prove:

Statements	Reasons

13.

Prove that if each pair of opposite sides of a 4-sided figure ≅, then the segments joining opposite vertices bisect each other.

Given:

Prove:

Statements	Reasons

14.

Prove that if a point on the base of an isos. △ is equidistant from the midpoints of the legs, then that point is the midpoint of the base.

Given:

Prove:

Statements	Reasons