**25.**  by AAS. Then  by CPCTC. This conclusion makes an isosceles triangle, therefore by the Base Angles Theorem.

**26. ** by HL. Therefore, by CPCTC.

**27. **by SSS. Using CPCTC, . Then using the Vertical Angles Congruence Theorem and the Transitive Property, .

**28.** 65

**29.** 20

**30.** 1