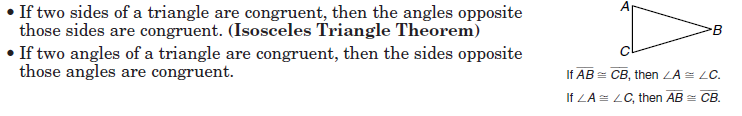
**Acc Geometry Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

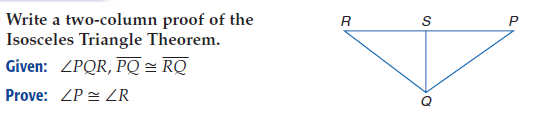
**4.6 Isosceles & Equilateral Proof Notes Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Isosceles Triangle Theorems**

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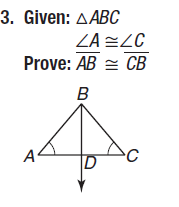
**Prove the Isosceles Triangle Theorem:**

**Given:**  and

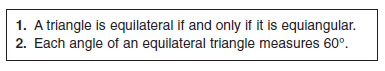
**Prove:**

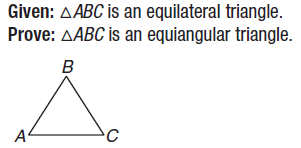
**Prove:**

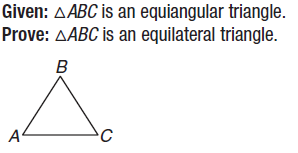
**The Converse of the Isosceles Triangle Theorem** states**:**



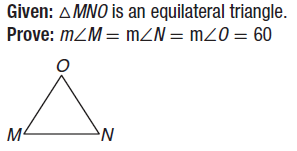
**Equilateral Triangle Theorems**



**1.**

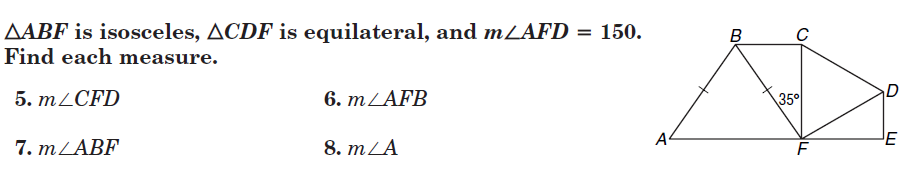


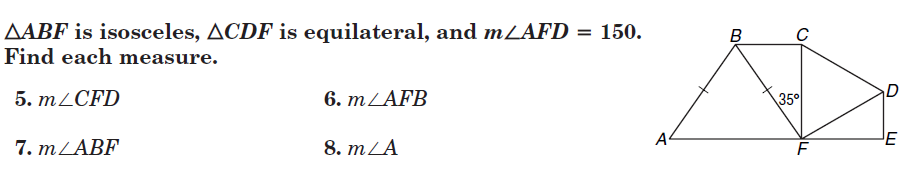
**2.**



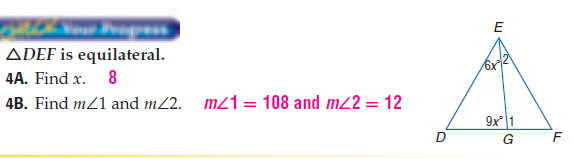
**3.**

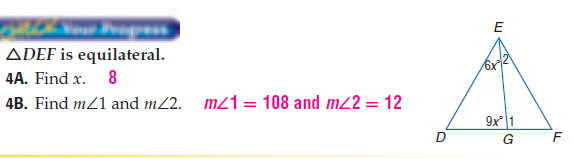
**4.6 Examples**

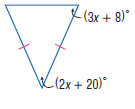


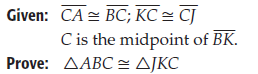
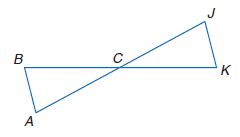


**1. m<CFD 2. m<AFB 3. m<ABF 4. m<A**

**5. Find x. 6.**





**7.**