Problem of the Week #6 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
Geometry

**Due Tuesday January 31, 2012**

 Directions: Write a two-column proof for the following…

 (hint: It uses multiple pairs of $≅$ triangles)

 **Given**: $∆QKR$ is isosceles with $\overbar{QK}≅\overbar{KR}$

 S is the midpoint of $\overbar{QR}$

 **Prove**: $\overbar{TM}≅\overbar{MV}$