**Homework Practice**

***Slope and Similar Triangles***

**Graph each pair of similar triangles. Then write a proportion comparing the rise to the run for each of the similar slope triangles and find the numeric value. (Slope)**

 **1. ∆***EFG* with vertices *E*(1,9), *F*(1,5), and *G*(2,5); ∆*GHI* with vertices *G*(2,5), *H*(1,2), and *I*(3,1)



 **3. ∆***RST* with vertices *R*(1,6), *S*(1,–6), and *T*(–3,–6); ∆*UVW* with vertices *U*(–1,0), *V*(–1,–3), and
*W*(–2,–3)



 **2. ∆***JNL* with vertices *J*(–3,3), *N*(–3,–3), and *L*(5,–3); ∆*KML* with vertices *K*(1,0), *M*(1,–3), and *L*(5,–3)



 **4. ∆***DEF* with vertices *D*(–6,5), *E*(–6,2), and *F*(–2,2); ∆*FMW* with vertices *F*(–2,2), *M*(–2,–4), and
*W*(6,–4)

