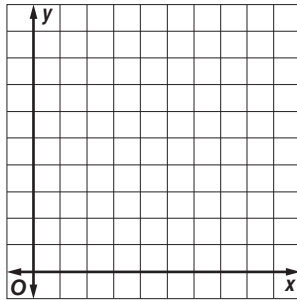


Lesson 6 Homework Practice

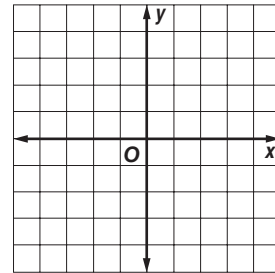
Slope and Similar Triangles

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.

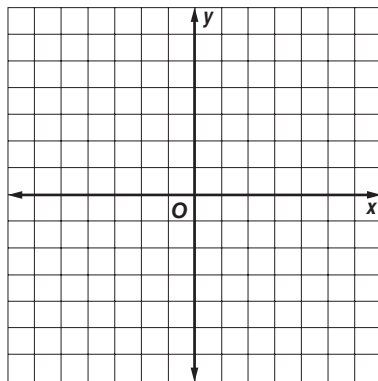
1. $\triangle EFG$ with vertices $E(1,9)$, $F(1,5)$, and $G(2,5)$; $\triangle GHI$ with vertices $G(2,5)$, $H(2,1)$, and $I(3,1)$



2. $\triangle JNL$ with vertices $J(-3,3)$, $N(-3,-3)$, and $L(5,-3)$; $\triangle KML$ with vertices $K(1,0)$, $M(1,-3)$, and $L(5,-3)$



3. $\triangle RST$ with vertices $R(1,6)$, $S(1,-6)$, and $T(-3,-6)$; $\triangle UVW$ with vertices $U(-1,0)$, $V(-1,-3)$, and $W(-2,-3)$



4. $\triangle DEF$ with vertices $D(-6,5)$, $E(-6,2)$, and $F(-2,2)$; $\triangle FMW$ with vertices $F(-2,2)$, $M(-2,-4)$, and $W(6,-4)$

