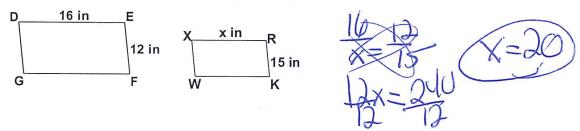


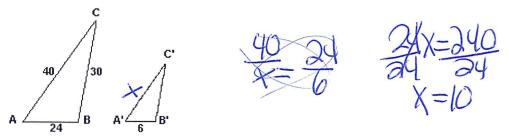
Date _____ Geometry

Similar Polygons

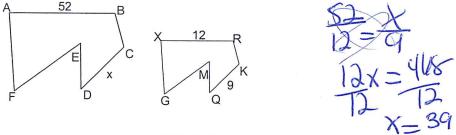
1. Parallelogram DEFG is similar to parallelogram XRKW. Find x.



2. In the diagram, $\triangle ABC$ is similar to $\triangle A'B'C'$, AB = 24, BC = 30, and CA = 40. If the shortest side of $\triangle A'B'C'$ is 6, find the length of the longest side of $\triangle A'B'C'$.



3. Polygon ABCDEF is similar to polygon XRKQMG. Find x.



4. In the diagram below, $\overline{AB} \parallel \overline{DE}$. If AC = 2, CD = 6, and CE = 3, what is BC?

