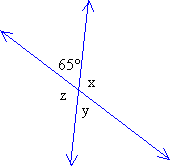
Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_

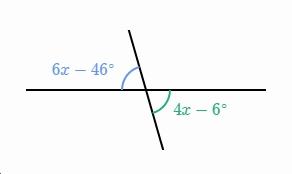
Mr. Kaufman Geometry

**Vertical Angles**

1. What are the measures of angles x, y, and z?



2. What is the value of x in the image below?



3. Is it possible to prove that these two triangles are congruent? If so, which congruence shortcut can be used. Explain.

