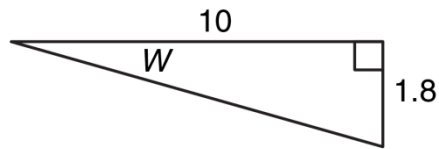**Solving Problems Involving the Tangent Using a Ratio Table**
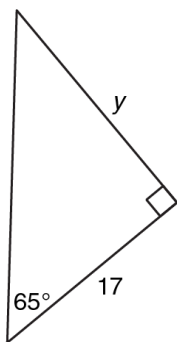
1. Determine the measure of angle *w*.

Step 1: Identify and label the sides as being adjacent to, opposite, or the hypotenuse, in relation to the angle indicated.

Step 2: State the appropriate ratio.

Step 3: Substitute known values, and calculate the unknown value.

2. Determine the value of *y*, to the nearest tenth.

65°   17   *y*

3. Use the tangent ratio table to determine the
    unknown side length, to the nearest tenth.

32   80°   *m*