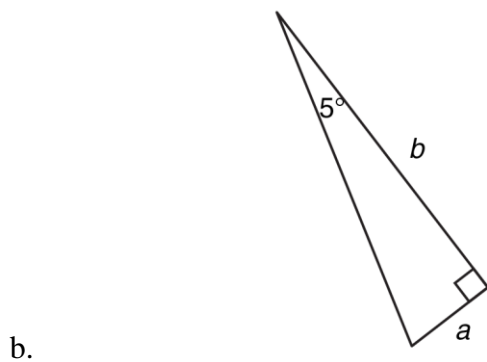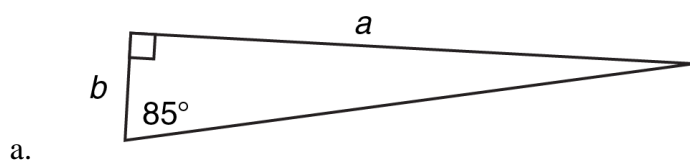# Lesson 4 Practice Questions
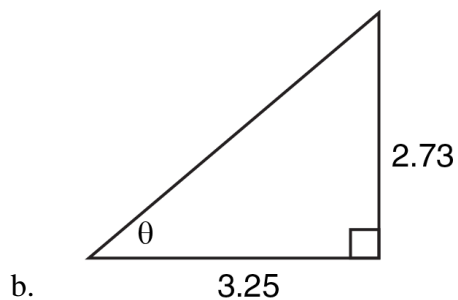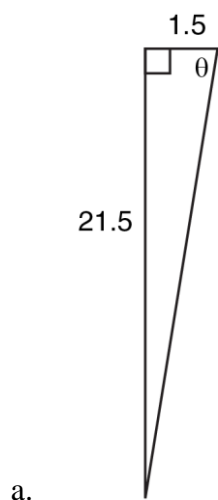
Lesson 1

Tangent Side Length Ratios

1. Use the tangent ratio table to state a ratio of sides for each of the following triangles. Explain what each ratio represents.

a.

b.

Using the tangent ratio table, determine the measure of angle θ in each of the following

2. triangles.

a.

b.

3. Using the tangent ratio table, determine the value of the variable, to the nearest tenth, in each triangle shown.

a.

30°

7

y

b.

31

15°

w