

Chapter 7 Project Checklist

1. The side lengths of my triangular skateboard park are _____, _____, and _____.

The scale for my diagram is _____ represents _____.

Here is a diagram of my park:

- ☐ My diagram is in the shape of an oblique triangle.
- ☐ My diagram includes the scale.
- ☐ My diagram includes the actual side lengths of the park.
- ☐ My diagram includes labels for the vertices.

2. I will use trigonometry to determine the measure of each angle.
Here are my calculations:

To the nearest degree, the angle measures are _____, _____, and _____.

3. a) ☐ I drew a line from one vertex perpendicular to the side opposite it.
b) The height of my triangle is _____, to the nearest tenth of a unit.
c) I will use the scale to determine the actual height of my park. Here are my calculations:

- ☐ I labelled the diagram with the actual height.

4. I will calculate the area of my skateboard park. Here are my calculations:

