

## Chapter 7 Project Checklist

This worksheet will help you complete the chapter project on page 380.

### Basic Outline

What are the dimensions of your zipline?

- ☐ Decide on the distance between the supports for your zipline.
- ☐ Decide on the height of the line from the ground at various points.
- ☐ Decide on a scale for your diagram or model.
- ☐ Draw or build a model of the zipline to scale.

**1. a)** What is the distance between the supports for your zipline? \_\_\_\_\_

What is the height of your zipline? \_\_\_\_\_

**b)** Sketch a plan for your zipline. Label all lengths and angles that you know.

**c)** Use trigonometry to determine the lengths and angles that you have not labelled.

**2. a)** What type of scale model will you make?

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List the materials you need. \_\_\_\_\_

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**b)** What scale will you use? \_\_\_\_\_ represents \_\_\_\_\_

**c)** Create the model.

