

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?

List the materials you need. _____

b) What scale will you use? _____ represents _____

c) Create the model.

