

Chapter 4 Math Link: Wrap It Up!

This worksheet will help you with the Wrap It Up! on page 163.

Finalize your design project.

1. Decide on the layout. Include the following elements. Use the checklist to mark off each part of your project as you complete it.
 - an enlarged or reduced image of your design
 - a scale diagram of your design
 - a similar triangle for the logo
 - a similar polygon that features the title of your design project
2. Decide on how you will present your design project. For example, you might choose a poster or a multimedia presentation.

I plan to _____.

3. Your presentation needs to include:
 - your design and the scale you used
 - a description or actual sample of the completed design project
 - what you learned about scale diagrams and similarity

Complete the following statements to help with your presentation.

a) My project includes _____

_____.

b) My scale is _____.

c) My design is based on _____

_____.

(List your sources of information.)

d) While working on this project, I learned that to create a scale diagram,

_____.

e) Scale diagrams are useful in creating designs because

_____.

f) I learned that similar triangles _____.

g) I learned that similar polygons _____.

h) Similar figures are useful in creating designs because

_____.