Name: _____   Date: _____

Chapter 7 Math Link: Wrap It Up!

This worksheet will help you with the Wrap It Up! on page 281.

Complete the following steps for each of the three park features.

1. What shape will you use for this park feature?

2. What will be the dimensions of this park feature?

3. How deep do you want the material (bark mulch, sand, or water) to be? Give this measurement in metres.

4. Draw the park feature on scrap paper first. Label all dimensions. Then, make a good copy.

5. What is the base area of your park feature?

6. What volume of material does the park feature require to fill it? Express your answer in cubic metres.

7. a) Choose a variable for one of the dimensions.

b) Represent the area with a polynomial expression, using a variable for one of the expressions.

c) Represent the volume with a polynomial expression, using a variable for one of the expressions.