Perimeter and Area of Composite Shapes

8 m

5 m

11.5 m
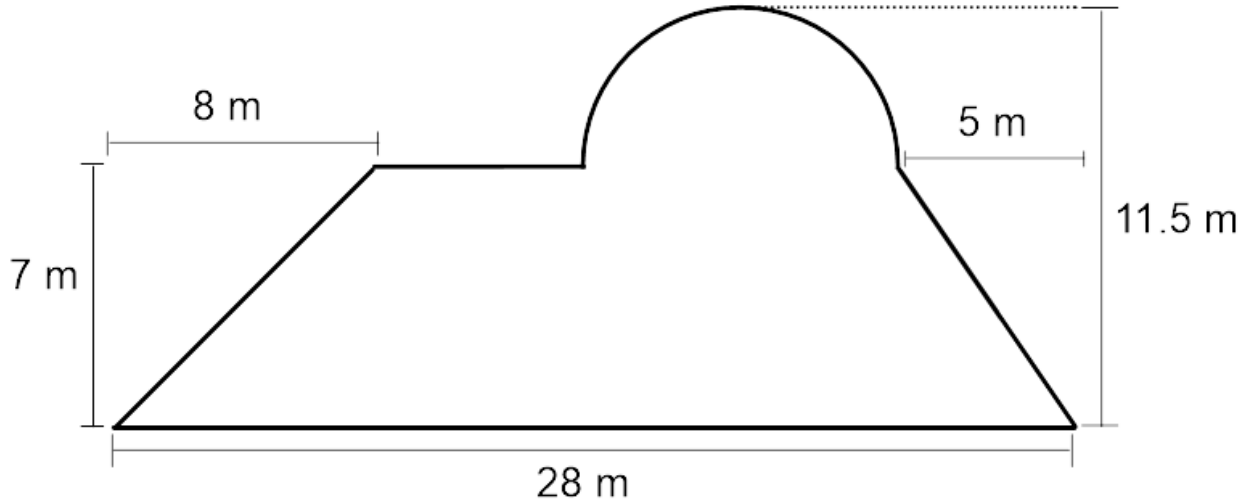
7 m

28 m

1. Break up the figure above into four "simple shapes". You may draw in the original figure.
2. Sketch each of your simple shapes below and find ALL of the dimensions of each. With a different colour, identify which edges are part of the perimeter of the original figure.

Shape 1:

Shape 2:

Shape 3:

Shape 4:

3. Use your work from #2 to find the perimeter of the composite figure. That is, the distance all the way around the figure. **This is not the same as the perimeter of each figure added together.

4. Determine the area of each simple shape. Show your calculations!

Shape 1:	Shape 2:
Shape 3:	Shape 4:

5. Use your work from #4 to determine the total area of the composite figure. Show your work.

6. Convert your perimeter to feet and your area to square feet. Show your calculations.