

Shape Sorter

Name _____

Part 1: Choose one of the mobiles with 6 shapes and classify each one. Find the length of the sides of each shape to the nearest centimeter. Record your data in the chart.

Part 2: Use the data to calculate the perimeter/circumference and area for each shape.

Mobile # _____	Type of Shape	Length of Sides	Perimeter or Circumference (cm)	Area (cm)
Shape 1				
Shape 2				
Shape 3				
Shape 4				
Shape 5				
Shape 6				

Part 3: Answer these questions based on your data.

Which shape had the largest perimeter or circumference? _____

Which shape had the smallest perimeter or circumference? _____

Which shape had the largest area? _____

Which shape had the smallest area? _____

Challenge: Use your data to calculate the total area for all the shapes on your mobile. Show your work!

