Algebra 8: Geometry Unit Day 2

<u>Finding the Area of Compound Figures:</u> A compound figure is a made up of more than one common shape. Use what you know about finding the area of polygons and circles to help you find the area of each compound shape. Round your answers to the nearest hundredth if necessary.

Compound Figure	Shape 1	Shape 2	Total Area
	Shape Name:	Shape Name:	Calculations
	Area Formula:	Area Formula:	
12 ft	Calculations	Calculations	Final Answer
	Shape Name:	Shape Name:	Calculations
	Area Formula:	Area Formula:	
19 in			
13 in	Calculations	Calculations	Final Answer
11 cm	Shape Name:	Shape Name:	Calculations
4 cm 5 cm	Area Formula:	Area Formula:	
5 cm	Calculations	Calculations	Final Answer

	Shape Name:	Shape Name:	Calculations
8 ft	Area Formula:	Area Formula:	
	Calculations	Calculations	Final Answer
7 m	Shape Name: Area Formula:	Shape Name: Area Formula:	Calculations
	Calculations	Calculations	Final Answer
12 m	Shape Name: Area Formula:	Shape Name: Area Formula:	Calculations
	Calculations	Calculations	Final Answer

	Shape Name:	Shape Name:	Calculations
o in 10 in 1	Area Formula:	Area Formula:	
14 in 8 in →	Calculations	Calculations	Final Answer
↑ pi 9 →	Shape Name: Area Formula:	Shape Name: Area Formula:	Calculations
13 yd	Calculations	Calculations	Final Answer

<u>Finding the Area of Compound Figures:</u> A compound figure is a made up of more than one common shape. Use what you know about finding the area of polygons and circles to help you find the area of each compound shape. Find the area of the shaded region. Round your answers to the nearest hundredth if necessary.

Compound Figure	Shape 1	Shape 2	Total Area
© □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Shape Name: Area Formula:	Shape Name: Area Formula:	Calculations
	Calculations	Calculations	Final Answer
	Shape Name:	Shape Name:	Calculations
5 m E SI E	Area Formula:	Area Formula:	
	Calculations	Calculations	Final Answer
	Shape Name:	Shape Name:	Calculations
4 cm E &	Area Formula:	Area Formula:	
	Calculations	Calculations	Final Answer

	Shape Name:	Shape Name:	Calculations
13 yd 6 yd	Area Formula:	Area Formula:	
	Calculations	Calculations	Final Answer
	Shape Name:	Shape Name:	Calculations
9 in .c. 8	Area Formula:	Area Formula:	
	Calculations	Calculations	Final Answer
	Shape Name:	Shape Name:	Calculations
16 m	Area Formula:	Area Formula:	
	Calculations	Calculations	Final Answer

	Shape Name:	Shape Name:	Calculations
15 ft ₩ 7 ft →	Area Formula:	Area Formula:	
	Calculations	Calculations	Final Answer
	Shape Name:	Shape Name:	Calculations
E _∞	Area Formula:	Area Formula:	
	Calculations	Calculations	Final Answer