

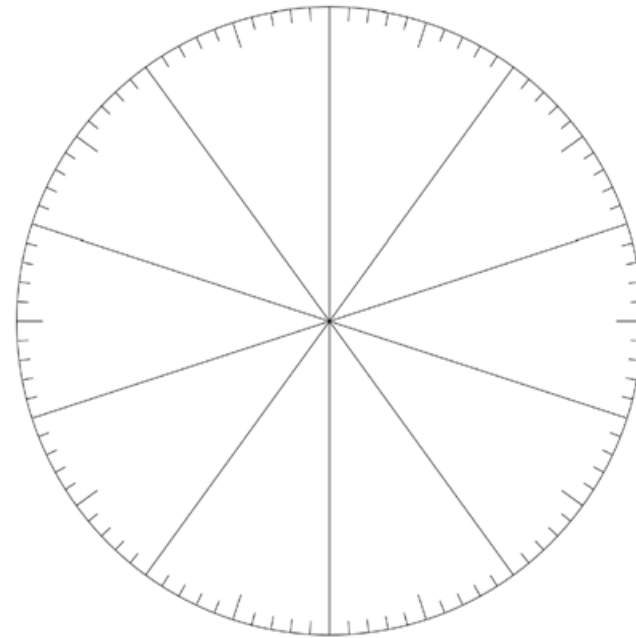
Unit 4: Circles and Area

Name: \_\_\_\_\_

Students in a grade 7 class were asked how many siblings they have. Here are the results.

A. Complete the table

# of siblings	# of students	Fraction	Decimal	Percent
0 Siblings	3			
1 Siblings	13			
2 Siblings	8			
3 Siblings	1			
Total				



B. Use the percent circle. Draw a circle graph to display the data.

C. Write 2 questions you can answer by looking at the graph.

Question 1: \_\_\_\_\_

Question 2: \_\_\_\_\_

Julia collected data about the favourite ice-cream flavors of grade 7 students.

A. Complete the table

Ice-Cream Flavor	# of students	Write each # of students as a fraction of the total #	Decimal	Percent	Sector angle ( <i>decimal</i> $\times 360^\circ$ )
Vanilla	7				
Strawberry	2				
Chocolate	14				
Bubble-Gum	15				
Chocolate Chip Cookie Dough	12				
Total					

- B. Construct a circle.  
Draw a radius
- C. Use a protractor to construct  
each sector angle.
- D. Start the next sector where the  
previous sector finished.
- E. Label each sector with its name  
and percent  
Write a title for the graph.

