		Circle	
ŀ	A. Choose the correct answ	er:	
	1. Which of the following i	s not a part of a circle?	
	a) Radius	b) Diameter	
	c) Corner	d) Circumference	
	2. If the diameter of a circle is 10 cm, what is its radius?		
	a) 5 cm	b) 10 cm	
	c) 20 cm	d) 15 cm	
	3. The line passing through the center and touching two points on the circle is called:		
	a) Radius	b) Chord	
	c) Diameter	d) Arc	
	4. A circle has number of corners.		
	a) 0	b) 1	
	c) 2	d) 4	
	5. A piece of string placed exactly around a circle is called its:		
	a) Chord	b) Diameter	
	c) Circumference	d) Radius	
Β.	. Write the Missing Terms to Complete the Sentences:		
	1. The longest chord of a ci	1. The longest chord of a circle is called its	
	2. A line segment from the center of the circle to any point on it is called		
	3. The distance around a circle is known as		
	4. Half of the circle is called a		
	5. A straight line joining an	y two points on the circle is a	
(. Mark each sentence with a True (✔) or False (X):		
	1. All radii of the same circle have equal length.		
	2. Diameter is shorter than	radius.	

- 3. A circle can have many diameters.
- 4. Every chord of a circle passes through its center.
- 5. A circle has straight sides.

D. Figure out the answers to these questions:

- 1. Draw a circle and label its center O and radius OA.
- 2. Identify two circles in your classroom and write their uses.
- 3. If the radius of a circle is 3 cm, what will be its diameter?
- 4. If a wheel rotates once, what is the path traced by it called?
- 5. How many radii can you draw in a circle? Explain your answer.

E. Challenge yourself with these questions:

- 1. Name three circular objects you see every day.
- 2. If the diameter of a circle is 8 cm, how many centimeters will its radius measure?
- 3. Can two circles with different radii have the same circumference? Why or why not?
- 4. Make a circular pattern using coins or buttons. Count how many coins you used.
- 5. A pizza is cut exactly into half. What shape are the two pieces?