

Match each term below with its definition and diagram. Then place each letter in its numbered space below to answer this question: Why do dragons sleep during the day?

Definition	Diagram	
_____	_____	Radius
_____	_____	Central angle
_____	_____	Diameter
_____	_____	Secant
_____	_____	Tangent
_____	_____	Inscribed angle
_____	_____	Chord
_____	_____	Inscribed circle
_____	_____	Circumscribed circle
_____	_____	Semicircle
_____	_____	Concentric circles
_____	_____	Minor arc
_____	_____	Sector

1. Arc smaller than a semicircle.
2. Line segment with endpoints on a circle.
3. Circle within a polygon each of whose sides is tangent to the circle.
4. Line segment through the center with endpoints on the circle.
5. Arc whose endpoints are on a diameter.
6. Angle whose vertex is on the circle and whose sides cross the circle.
7. Circles in a plane having the same point for their center.
8. Angle whose vertex is at the center of a circle.
9. Line that shares only one point with a circle.
10. Region bounded by two radii and an arc.
11. Line that intersects a circle in two points.
12. Line segment from a point on the circle to its center.
13. A circle surrounding a polygon with each vertex of the polygon on the circle.

1 11 13 8 3 13 13 8 6 4  
 2 3 9 5 7 10 8 13  
 12 9 7 10 8 13 1

