

# Circles – Vocabulary Review

*For each definition, fill in the letter matching the corresponding term (first column) and illustration (second column).*

- |  |       |       |                          |
|--|-------|-------|--------------------------|
| 1. A chord which goes through the center of a circle.                                    | _____ | _____ | a. Center or vertex      |
| 2. A line segment going from the center of a circle to its edge.                         | _____ | _____ | b. Central angle         |
| 3. A line segment where both end points are on the edge of a circle.                     | _____ | _____ | c. Chord                 |
| 4. A line which touches a circle at exactly one point.                                   | _____ | _____ | d. Circle                |
| 5. A line which touches a circle at exactly two points.                                  | _____ | _____ | e. Circumference         |
| 6. A polygon whose sides are all tangent to the circle.                                  | _____ | _____ | f. Circumscribed polygon |
| 7. A polygon whose vertices all touch the circle.  | _____ | _____ | g. Diameter              |
| 8. A portion of a circle's edge which is less than half the length of the circumference. | _____ | _____ | h. Inscribed angle       |
| 9. A portion of a circle's edge which is more than half the length of the circumference. | _____ | _____ | i. Inscribed polygon     |
| 10. An angle inside a circle with the center of a circle as its vertex.                  | _____ | _____ | j. Major arc             |
| 11. An angle inside a circle with the edge of a circle as its vertex.                    | _____ | _____ | k. Minor arc             |
| 12. An arc which is exactly half the length of the circle's circumference.               | _____ | _____ | l. Radius                |
| 13. The central point of a circle.   | _____ | _____ | m. Secant                |
| 14. The distance around the entire edge of a circle.                                     | _____ | _____ | n. Semi-circle           |
| 15. The set of all points the same distance from a specific, central point.              | _____ | _____ | o. Tangent               |



# Geometry and Language

## Some Important Morphemes (Word Units):

**Geo:** "Earth"

- *Geometry*
- *Geologist*

**Circum-:** "Around"

- ***Circumference***
- ***Circumscribe***
- *Circumcenter*
- *Circumnavigate*

**In-:** "Inside"

- ***Inscribe***
- *Incenter*
- *Interior*

**Ex-:** "Outside"

- *Exterior*
- *External*

**Para-:** "Alongside"

- *Parallel*
- *Parameter*
- *Paralegal*

**Inter-:** "Between"

- *Intersect*
- *Intermural*

**In-:** "Not"

- *Integer*
- *Infinite*
- *Inedible*

**-meter:** "Measure"

- *Geometry*
- *Centimeter*

**Dia-:** "Two"

- ***Diameter***
- *Diagonal*

**Tri-:** "Three"

- *Triangle*
- *Trifecta*

**Quadr-:** "Four"

- *Quadrilateral*
- *Quadrangle*
- *Quadratic*
- *Quatrain*

**Poly-:** "Many"

- *Polygon*
- *Polyhedron*
- *Polypeptide*

**Semi-:** "Half"

- ***Semi-circle***
- *Semiannual*
- *Semicolon*

**Ray:** "Spoke"

- ***Radius***
- ***Radian***
- *Ray*

**Sec-:** "Cut"

- ***Secant***
- *Intersect*
- *Section*

**Lateral:** "Sides"

- *Equilateral*
- *Quadrilateral*
- *Unilateral*

**-pend:** "Hang from"

- *Perpendicular*
- *Depend*
- *Impending*
- *Suspend*

**-scribe:** "Write"

- ***Circumscribe***
- ***Inscribe***
- *Prescribe*
- *Describe*

**-gon:** "angles"

- *Pentagon*
- *Hexagon*
- *Octagon*

**-tang-:** "Touch"

- ***Tangent***
- *Integer*
- *Tangible*

## The Greek Alphabet:

Greek Letter	Name	Equivalent	Sound When Spoken
Α α	<b>Alpha</b>	A	al-fah
Β β	<b>Beta</b>	B	bay-tah
Γ γ	<b>Gamma</b>	G	gam-ah
Δ δ	<b>Delta</b>	D	del-tah
Ε ε	<b>Epsilon</b>	E	ep-si-lon
Ζ ζ	<b>Zeta</b>	Z	zay-tah
Η η	<b>Eta</b>	E	ay-tay
Θ θ	<b>Theta</b>	Th	thay-tah
Ι ι	<b>Iota</b>	I	eye-o-tah
Κ κ	<b>Kappa</b>	K	cap-ah
Λ λ	<b>Lambda</b>	L	lamb-dah
Μ μ	<b>Mu</b>	M	mew
Ν ν	<b>Nu</b>	N	new
Ξ ξ	<b>Xi</b>	X	zzEye
Ο ο	<b>Omicron</b>	O	om-ah-cron
Π π	<b>Pi</b>	P	pie
Ρ ρ	<b>Rho</b>	R	row
Σ σ	<b>Sigma</b>	S	sig-ma
Τ τ	<b>Tau</b>	T	tawh
Υ υ	<b>Upsilon</b>	U	oop-si-lon
Φ φ	<b>Phi</b>	Ph	fligh or fle
Χ χ	<b>Chi</b>	Ch	kigh
Ψ ψ	<b>Psi</b>	Ps	sigh
Ω ω	<b>Omega</b>	O	o-may-gah