

Name: _____

Date: _____

Period: _____

Geometry Chapter 3 Vocabulary Study Guide

- B 1. alternate exterior angles
M 2. alternate interior angles
H 3. consecutive (same-side) interior angles
I 4. corresponding angles
N 5. equidistant
D 6. exterior angles
O 7. interior angles
A 8. parallel lines
J 9. parallel planes
L 10. point-slope form
K 11. rate of change
F 12. skew lines
G 13. slope
E 14. slope-intercept form
C 15. transversal

- ~~A.~~ _____ are coplanar lines that do not intersect.
~~B.~~ _____ are the nonadjacent exterior angles that lie on opposite sides of the transversal. When the two lines are parallel they are congruent.
~~C.~~ A _____ is a line that intersects two or more coplanar lines at two different points
~~D.~~ The _____ are the angles that lie in the two regions that are not between the two lines intersected by a transversal.
~~E.~~ _____ of a linear equation is $y = mx + b$ where m is the slope of the line and b is the y-intercept.
~~F.~~ _____ are lines that do not intersect and are not coplanar.
~~G.~~ The _____ of a line is the ratio of the change in the y values to the change in the x values. The Rise over the Run. $m = \frac{y_2 - y_1}{x_2 - x_1}$
~~H.~~ _____ are the interior angles that lie on the same side of the transversal. When the two lines are parallel they are supplementary.
~~I.~~ _____ are the angles that lie on the same side of the transversal and the same side of two lines. When the two lines are parallel they are congruent.
~~J.~~ _____ are planes that do not intersect
~~K.~~ The slope can be interpreted as a _____, which describes how a quantity y changes in relation to quantity x .
~~L.~~ _____ of a linear equation is $y - y_1 = m(x - x_1)$ where m is the slope of the line and (x_1, y_1) is a point on the line.
~~M.~~ _____ are the nonadjacent interior angles that lie on opposite sides of the transversal. When the two lines are parallel they are congruent.
~~N.~~ _____ means that the distance between two lines measured along a perpendicular line is always the same.
~~O.~~ The _____ are the angles that lie in the region between the two lines intersected by a transversal