

FOCUS ON VOCABULARY

Match the words to the clues.

	Words	Clues
_____ 1.	alternate interior angles	a. If a and b are legs of a right triangle and c is the hypotenuse, then $a^2 + b^2 = c^2$.
_____ 2.	converse of the Pythagorean Theorem	b. 3, 4, 5 is an example of this
_____ 3.	corresponding angles	c. The side of right triangle opposite the right angle. The longest side in a right triangle.
_____ 4.	hypotenuse	d. If the sum of the squares of the lengths of two sides of a triangle is equal to the square of the length of the third side, then the triangle is a right triangle.
_____ 5.	legs	e. A triangle that has a right angle.
_____ 6.	obtuse angle	f. Two sides of the triangle adjacent to the right angle.
_____ 7.	parallel lines	g. Lines in a plane that never meet.
_____ 8.	Pythagorean Theorem	h. If two lines are cut by a transversal, these angles appear on the same side of the transversal in the same relative location.
_____ 9.	Pythagorean triple	i. If two lines are cut by a transversal, these angles appear on the opposite sides of the transversal and between the parallel lines
_____ 10.	right triangle	j. An angle that measures 180° .
_____ 11.	straight angle	k. An angle that measures more than 90° and less than 180° .
_____ 12.	transversal	l. A line that crosses two or more lines in a plane.