

# 14F: Vocabulary Review

For use with Chapter Review

**Study Skill** To be successful in mathematics, you need to be able to understand meanings of words that you know and ones that you don't. Learn each term one at a time, moving on to the next when you are confident of your knowledge of the first.

**Draw a line from each word or phrase in the left column to the statement or phrase that matches it in the right column. Some items may have more than one match. For help, use the Glossary in your textbook.**

Word(s)	Phrase
1. Law of Cosines	a. mean, median, and mode
2. Law of Sines	b. lists how often each outcome occurs
3. trigonometric identity	c. $\cos^2 \theta + \sin^2 \theta = 1$
4. trigonometric ratio for a right triangle	d. $\tan A = \frac{a}{b}$
5. frequency table	e. $\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$
6. measures of central tendency	f. $\sin A = \frac{a}{c}$
7. periodic function	g. $1 + \tan^2 \theta = \sec^2 \theta$
8. phase shift	h. $a^2 = b^2 + c^2 - 2bc \cos A$
9. unit circle	i. $b^2 = a^2 + c^2 - 2ac \cos B$
10. initial side	j. has a radius of 1 unit and its center at origin
	k. a horizontal translation of a periodic function
	l. ray on the $x$ -axis
	m. repeats a pattern of $y$ -values at regular intervals

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