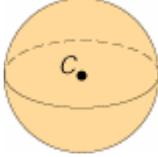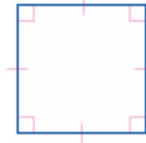| Glossary Term	Definition
sphere	The set of all points in space that are a given distance from a given point, called the *center*. It has the following characteristics: 1. A *radius* is a segment whose endpoints are the center and a point on the sphere. 2. A *chord* is a segment whose endpoints are points on the sphere. 3. A *diameter* is a chord of the sphere that contains the center.
spherical geometry	The branch of geometry that deals with a system of points, great circles (lines), and spheres (planes).
square a number	To multiply a number by itself.
square of a number	The product of a number and itself. Example: The *square* of 6, or 6 squared, is 36 because $6 \times 6 = 36$.
square (geometric figure)	A parallelogram with four congruent sides and four right angles.
square matrix	A matrix with the same number of rows and columns.
square root	One of the two equal factors of a number. If $a^2 = b$, then a is the square root of b. Example: 12 is a *square root* of 144 since $12^2 = 144$.
square units	Used to measure area and tells the number of squares of a given size needed to cover a two-dimensional figure.
standard deviation	A measure of the average amount by which individual items of data deviate from the arithmetic mean of all the data.
standard error of the mean	The standard deviation of the distribution of a sample mean.
standard form	Numbers written without exponents.
standard form of a linear equation	A linear equation of the form $Ax + By = C$, where $A \geq 0$, and A and B are real numbers and not both zero.
statistics	The study of collecting, organizing, and interpreting data.
statement	A sentence that is either true or false, but not both.
stem	A digit written to the left of the vertical line in a stem-and-leaf plot.
stem-and-leaf plot	A display of data in which each piece of the data is separated into two numbers that are used to form a stem and a leaf.
step function	A function whose graph is a series of disjointed steps or line segments.
straight angle	An angle that measures 180°.
straightedge	Any object that can be used as a guide to draw a straight line.