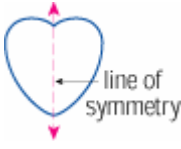

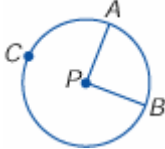


Glossary Term	Definition
line of symmetry	<p>A line that divides a figure into two halves that are reflections of each other.</p> 
line plot	<p>A number line labeled with a scale to include all the data with a mark placed above a data point each time it occurs.</p>
line segment	<p>Part of a line containing two endpoints and all the points between them.</p> 
line symmetry	<p>Figures that match exactly when folded in half have line symmetry.</p>
linear equation	<p>An equation in the form $Ax + By = C$, where $A \neq 0$ and $B \neq 0$, whose graph is a straight line.</p>
linear function	<p>A function in which the graph of the solutions forms a line defined by $y = mx + b$ where m and b are real numbers.</p>
linear inequality	<p>A relation whose boundary is a straight line.</p>
linear programming	<p>The process of finding the maximum or minimum values of a function for a region defined by inequalities.</p>
linear term	<p>In the equation $f(x) = ax^2 + bx + c$, bx is the linear term.</p>
liter	<p>The basic unit of capacity in the metric system.</p>
locus	<p>The set of points that satisfy a given condition.</p>
logarithm	<p>In the function $x = b^y$, y is called the logarithm, base b, of x. Usually written as $y = \log_b x$ and read "y equals log base b of x."</p>
logarithmic equation	<p>An equation that contains one or more logarithms.</p>
logarithmic function	<p>The function $y = \log_b x$, where $b > 0$ and $b \neq 1$, which is the inverse of the exponential function $y = b^x$.</p>
lower bound	<p>The integer less than or equal to the least real zero of the polynomial function $P(x)$.</p>
lower extreme	<p>The least number of a set of data.</p>
lower quartile	<p>Divides the lower half of a set of data into two equal parts.</p>
magnitude	<p>The length of a vector.</p>
major arc	<p>An arc with a measure greater than 180°. In the figure, arc ACB is a <i>major arc</i>.</p> 
major axis	<p>The longer of the two line segments that form the axes of symmetry of an ellipse.</p>
mantissa	<p>The common logarithm of a number between 1 and 10.</p>