Chapter 1 (p. 6, 1-1)	element: An item in a set.
element	4 is an element of the set of even numbers. $4 \in \{even numbers\}$
Chapter 1 (p. 45, 1-6)	function: A relation in which every input is paired with exactly one output.
function	$ \begin{array}{c} 6 \\ 5 \\ 2 \\ 1 \\ 0 \end{array} $
Chapter 1 (p. 67, 1-9)	parent function: The simplest function with the defining characteristics of the family. Functions in the same family are transformations of their parent function.
parent function	$f(x) = x^2$ is the parent function for $g(x) = x^2 + 4$ and $h(x) = 5(x + 2)^2 - 3$.
Chapter 1 (p. 21, 1-3)	radical symbol: The symbol $\sqrt{}$ used to denote a root. The symbol is used alone to indicate a square root or with an index, $\sqrt[n]{}$, to indicate the <i>n</i> th root.
radical symbol	$\sqrt{36} = 6, \sqrt[3]{27} = 3$

Chapter 1 (p. 44, 1-6)	range: The set of output values of a function or relation.
range	The range of $y = x^2$ is $\{y \mid y \ge 0\}$.
Chapter 1 (p. 6, 1-1)	set: A collection of items called elements.
set	{1, 2, 3 }
Chapter 1 (p. 6, 1-1)	subset: A set that is contained entirely within another set. Set <i>B</i> is a subset of set <i>A</i> if every element of <i>B</i> is contained in <i>A</i> , denoted $B \subset A$.
subset	The set of integers is a subset of the set of rational numbers, denoted $\mathbb{Z} \subset \mathbb{Q}$.
Chapter 1 (p. 59, 1-8)	transformation: A change in the position, size, or shape of a figure or graph.
transformation	