

## Section 2.6 Combinations of Functions: Composite Functions

53

### Finding a Function's Domain

If a function  $f$  does not model data or verbal conditions, its domain is the largest set of real numbers for which the value of  $f(x)$  is a real number. Exclude from a function's domain real numbers that cause division by zero and real numbers that result in an even root such as a square root, of a negative number.

Example 1: Find the domain of each function.