

Math Practice Sheets

Algebra Part I

Student Name



Examples

Practice Questions

Extra Challenge Unit

Example

Constant

A symbol which takes only one value is called a **constant**.

Example: There are 50 states in the USA.

In this example, the number of states has only one fixed value. If we place the symbol 'a' for the number of states in the USA, then 'a' is a constant.

Variable

A symbol which takes more than one value is called a **variable**.

Example: There are 50 names of states in America.

In this example, name of states have more than one value. If we place the symbol 'x' for the name of states, then 'x' is a variable.

- The sum of x and 3 is written as $x + 3$.
- The difference of x and 3 is written as $x - 3$.

Exercise

- Determine whether each of the following is a 'constant' or a 'variable'.
 - 'x' represents the names of the months in a year. _____
 - 'a' represents the number of days in a week. _____
 - 't' represents the temperature of a city. _____
 - 'z' lies between 2 and 7. _____
 - 's' is the sum of 2 and 7. _____
 - 'n' represents the name of the fourth grade students. _____