

Dependent and Independent Variable

x , independent variable
(input values or domain set)

y , dependent variable
(output values or range set)

Example:

$$y = 2x + 7$$

Dependent and Independent Variable (Application)

Determine the **distance** a car will travel going 55 mph.

$$d = 55h$$

independent

h	d
0	0
1	55
2	110
3	165

dependent