

Scatter Plot

A scatter plot is a type of graph that displays (x,y) coordinate points for a set of data.

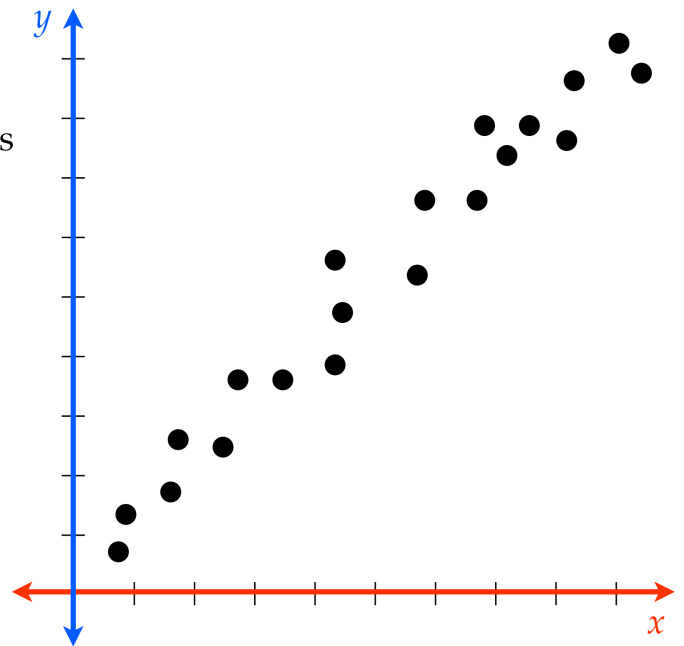
$(0.1, 0.9)$ $(2.6, 2.3)$ $(5.1, 4.9)$ $(7.4, 7.1)$

$(0.5, 1.0)$ $(3.1, 3.0)$ $(5.3, 5.2)$ $(8.2, 7.9)$

$(1.2, 1.8)$ $(3.2, 3.8)$ $(5.8, 6.2)$ $(8.6, 8.8)$

$(1.9, 2.1)$ $(4.6, 4.2)$ $(6.5, 6.1)$ $(8.9, 9.1)$

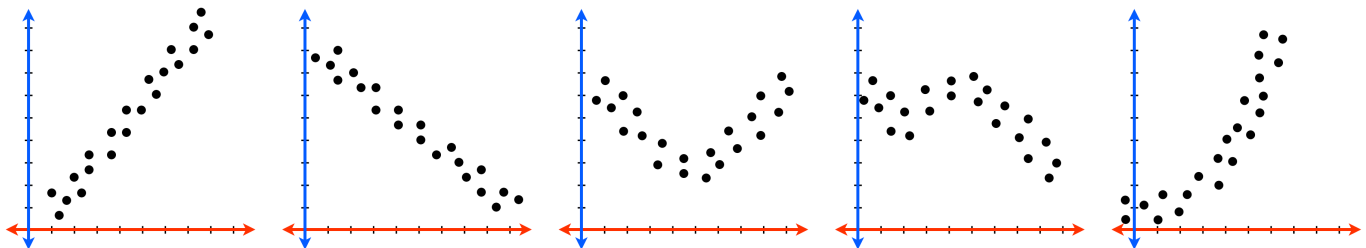
$(2.4, 2.5)$ $(4.7, 4.5)$ $(6.9, 6.9)$ $(9.1, 8.5)$



Scatter plots can take on various forms.

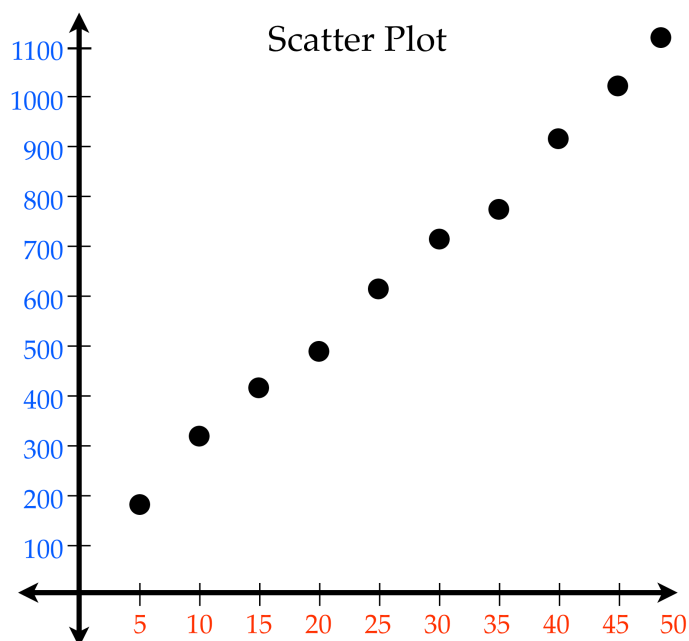
Linear Forms

Non-Linear Forms



Calculate Line of Best Fit

(5, 196) (30, 712)
 (10, 315) (35, 789)
 (15, 417) (40, 905)
 (20, 498) (45, 1023)
 (25, 606) (50, 1150)



Calculate Line of Best Fit

(5, 196) (30, 712)

$m =$

