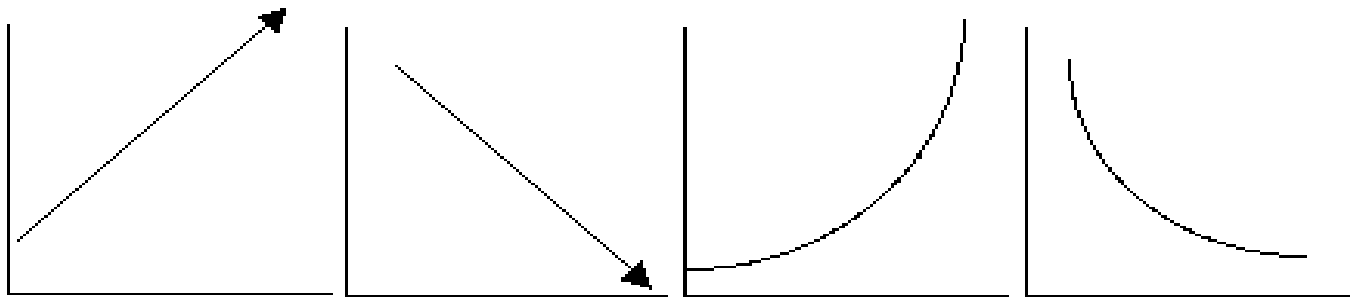**Graphing in science is used to** more easily see the _____
between the variables.

In science there are 4 typical graph types:
90% of graphs will either be these shapes, or will have these shapes as part of the graph.

The _____ identifies the _____!

shape names:

| (+) linear | (–) linear | parabolic | hyperbolic |

relationship names:

direct   indirect   exponential   inverse

generic formulae:

$y=mx+b$ $y=-mx+b$ $y = kx^2$ $y = k / x$

The one on the left is the

_____ variable

(It goes on the _____ of the graph)

the one on the right is the

_____ variable

(It goes up the _____ of the graph)

interpolation is an estimate _____

known points

extrapolation is an estimate _____

known points

Force	Acceleration
110	26
120	35
130	47
140	54
150	65
160	76