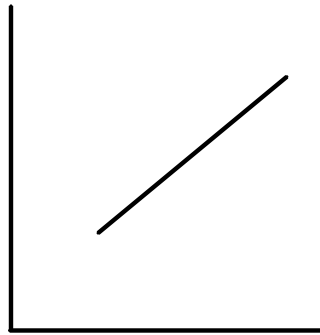


# Lines



Slope

Positive slope

Negative slope

Zero slope

Undefined slope

Parallel Lines

Perpendicular (Normal) Lines

## Equations for Lines

Slope-intercept form

Point-slope form

Standard (General) form

Ex 1) Write an equation for a line through  $(-2, -1)$  and  $(3, 4)$  using each form.

Ex 2) Write an equation for a line perpendicular to  $2x + 3y = 1$  and through  $(2, -1)$ .