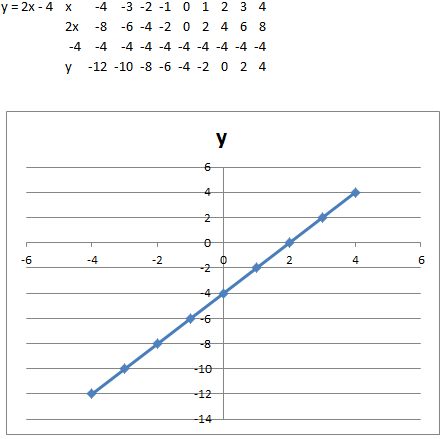
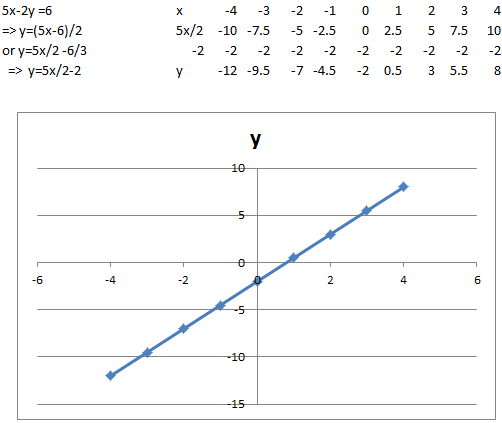
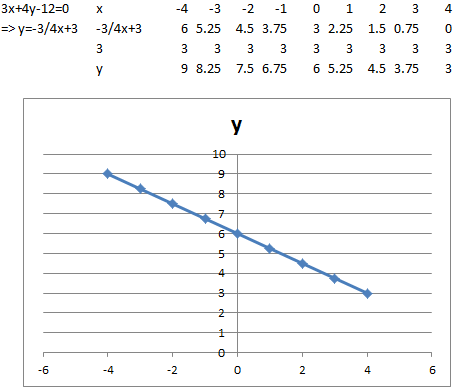
**y=2x-4**



**5x-2y=6**



**3x+4y-12=0**



**Formula**

Midpoint of a line segment

Equation of a line

Slope of a line

Slope of a line given points on line

Length of line segment or distance between 2 points

Parallel lines have the same slope

Perpendicular lines slopes multiply to give -1

**Exercises**

Find the Mid-point, Slope, Length of line segment and Equation of the lines for the following points

* and
* and

**Perpendicular Lines**

