**6.6 General Form of a Linear Equation**

General form or standard form

 **Ax + By + C = 0**

 **A** – whole number (positive only , NO decimals or fractions)

 **B,C** – integers (NO decimals or fractions)

Rearrange equations to general form

ex.1. y = -3x + 4 2. y = $\frac{1}{4}$x + 3

3. y = - $\frac{3}{2}$x + 1 4. y + 2 = $\frac{3}{2}$ (x - 4)

Find the slope of a line in general form.

ex.1. 3x + 2y – 18 = 0 2. 5x – 2y + 12 = 0

3. x + 3y + 9 = 0

**Homework**