

- $a_n = 28 + (n - 1)1.5$

$$a_1 = 28$$

$$a_2 = 28 + (2 - 1)1.5 = 29.5$$

$$a_3 = 28 + (3 - 1)1.5 = 31$$

$$a_4 = 28 + (4 - 1)1.5 = 32.5$$

$$a_{100} = 28 + (100 - 1)1.5 = 176.5$$

- $a_n = -2 + (n - 1)(-6)$

$$a_1 = -2$$

$$a_2 = -2 + (2 - 1)(-6) = -8$$

$$a_3 = -2 + (3 - 1)(-6) = -14$$

$$a_4 = -2 + (4 - 1)(-6) = -20$$

$$a_{100} = -2 + (100 - 1)(-6) = -596$$