

$$t_{10} - t_v = 12$$

$$t_7 - t_1 = ? \rightarrow 70$$

$$a_1 + 9d - (a_1 + 7d) \Rightarrow a_1 - a_1 + 9d - 7d \Rightarrow 2d = 12$$

$$d = 6$$

$$a_1 + 9d - a_1 = a_1 - a_1 + 9d = 70$$

$$t_7 = V \rightarrow t_7 = 7 \quad t_7 = 10 \rightarrow t_{n-1}$$

$$t_1 = b_1 \quad t_7 = b_7$$

$$b_7 = 11$$

$$t_7 = t_1 + 6d$$

$$t_7 = t_1 + 6$$

$$t_7 \rightarrow t_1 + 6 = b_1 + 6$$

$$t_1 = b_1$$

$$d = 1$$

$$11n - 6$$

$$t_n = \frac{2}{5}, \frac{4}{5}, \frac{10}{9}, \frac{14}{11}, \dots$$

$$f_{n-2} = \dots$$

$$2n+3 = \dots$$

$$11n - 6 < 4n + 9$$

$$7n < 15 \rightarrow n < 2.14$$

$$n \rightarrow 2$$

$$n \rightarrow 2$$

$$7 \quad 9 \quad 9 \quad 4 \quad 0$$

$$+3 \quad 0 \quad -3 \quad -4$$

$$2A + 4B \rightarrow -4A + 3B = 33$$

$$ax^2 + bx + c$$

$$A \rightarrow -1, B \rightarrow 4$$

$$A+B=7$$

$$7A+3B=9$$

$$7A+3B=9$$

$$7A+3B=7A+3B$$

$$-7 \quad -9 \quad 0 \quad 9 \quad \dots$$

$$a=1$$

$$c=-1$$

$$d=-1$$

$$x^2 - 13x - 4$$

$$x_7 = 312 \quad x_8 = 101 \quad d = \frac{10}{7} = 1.428$$

$$2n+11$$

$$n^2 = 4n + 27$$

$$n=9$$