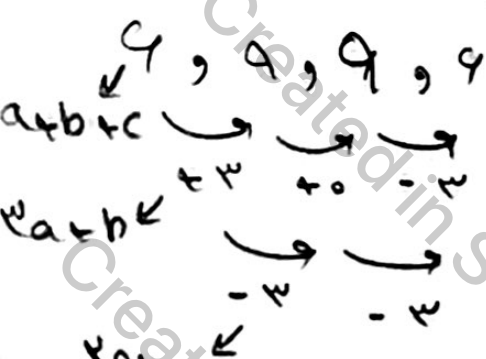




$$a = 4$$

$$b = \frac{1}{2}$$

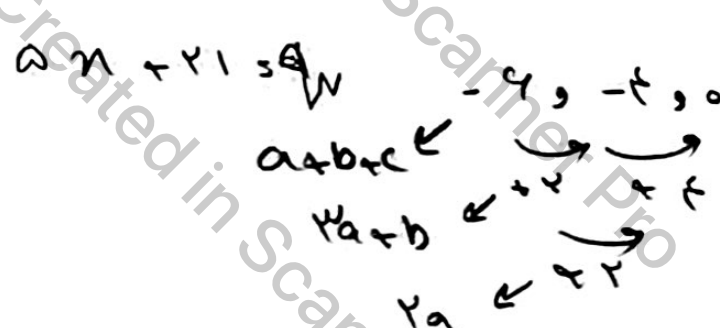
$$c = 0$$

$$an^2 + bn + c$$

$$an^2 = \frac{1}{2}n^2 + \frac{1}{2}n$$

$$A + AB = 2(-\frac{1}{2}) + 0(\frac{1}{2}) = -1$$

$$t = 1 \rightarrow t = 2 \rightarrow t = 3 \rightarrow t = 4 \rightarrow t = 5$$



$$a = 1$$

$$b = -1$$

$$c = -4$$

$$tn^2 - n - 4$$

$$an^2 + bn + c$$

$$an^2 = n^2 - n - 4$$

$$n(4 - n) = -4 \rightarrow n = 4$$