

NCERT Solutions by Dev Anoop (Bathinda)

Ex 5.1



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PE

$$\begin{aligned} 4(xv) \quad & 1^2, 5^2, 7^2, 73, \dots \\ & = 1, 25, 49, 73, \dots \end{aligned}$$

$$\begin{aligned} a_2 - a_1 &= 25 - 1 \\ &= 24 \end{aligned}$$

$$\begin{aligned} a_3 - a_2 &= 49 - 25 \\ &= 24 \end{aligned}$$

$$\begin{aligned} a_4 - a_3 &= 73 - 49 \\ &= 24 \end{aligned}$$

\therefore diff. remains
const.

\therefore A.P.