In the H.P : $\dfrac{1}{2}, \dfrac{1}{4}, \dfrac{1}{6}, \ldots\ldots\ldots$ **Find T10**

Solution : $-$ **Reciprocals of the given HP are in AP**

$\therefore 2, 4, 6 \ldots\ldots\ldots\ldots$ **are in AP**

$a = 2, \ d = T_2 - T_1 = 4 - 2 = 2, \ T10 = ?$

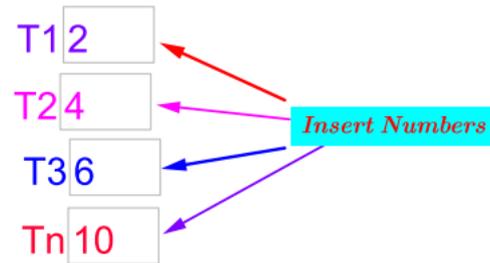$Tn = a + (n-1)d$

$T10 = 2 + (10-1)2$

$= 2 + (9)2$

$= 2 + 18$

$= 20$

T1	2
T2	4
T3	6
Tn	10

Insert Numbers

$\therefore$ **T10 of A.P. is 20 and T10 of the corresponding H.P. is** $\dfrac{1}{20}$

By : $-$
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