

GHS TALLUR

General form of an A.P:

Consider an A.P: 3,5,7,9.....

Here, $a=3$ and $d=2$

a_1	3	$3+0$	$3 + 0 \times 2$	a
a_2	5	$3+2$	$3 + 1 \times 2$	$a+d$
a_3	7	$3+4$	$3 + 2 \times 2$	$a+2d$
a_4		+	+ $\times$	
a_5		+	+ $\times$	
a_6		+	+ $\times$	
a_7		+	+ $\times$	
a_8		+	+ $\times$	
a_9		+	+ $\times$	
a_{10}		+	+ $\times$	
a_n				

Therefore, the general form of an A.P.

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n^{th} term of an A.P.

$a_n =$