



MATHS

BOOKS - RD SHARMA MATHS (HINGLISH)

ARITHMETIC PROGRESSION

Example

1. Show that each of the progressions given is an AP. Find the first term , common difference

and next term of given series

(i) 9, 15, 21, 27. . .



Watch Video Solution

2. Show that each of the progressions given is an AP. Find the first term , common difference and next term of given series

(ii) 11, 6, 1, - 4. . .



Watch Video Solution

3. Show that each of the progressions given is an AP. Find the first term , common difference and next term of given series

$$(iii) -1, -\frac{5}{6}, -\frac{2}{3}, -\frac{1}{2} \dots$$



[Watch Video Solution](#)

4. Show that each of the progressions given is an AP. Find the first term , common difference and next term of given series

$$(iii) \sqrt{2}, \sqrt{8}, \sqrt{18}, \sqrt{32} \dots$$





[Watch Video Solution](#)

5. Show that each of the progressions given is an AP. Find the first term, common difference and next term of given series

(iii) $\sqrt{20}, \sqrt{45}, \sqrt{80}, \sqrt{125} \dots$



[Watch Video Solution](#)