

	<p><u>Answer .</u></p> <p>3 , 6 , 10 , 15 , 21 , 28 , ...</p> <p>{ (1 + 2) , (3 + 3) , (6 + 4) , (10 + 5) , (15 + 6) , (21 + 7) , ... }</p>
3	<p>Write down the sequence of natural numbers leaving remainder 1 on division by 3 and the sequence of natural numbers leaving remainder 2 on division by 3.</p>
	<p><u>Answer .</u></p> <p><i>Sequence of natural numbers leaving remainder 1 = 1 , 4 , 7 , 10 , 13 , ...</i></p> <p><i>Sequence of natural numbers leaving remainder 2 = 2 , 5 , 8 , 11 , 14 , ...</i></p>
4	<p>Write down the sequence of natural numbers ending in 1 or 6 and describe it in two other ways.</p>
	<p><u>Answer .</u></p> <p>1 , 6 , 11 , 16 , 21 , 26 , 31 , ...</p> <p><i>Sequence got by starting with 1 and adding 5 repeatedly .</i></p> <p><i>Sequence of natural numbers leaving remainder 1 on division by 5 .</i></p> <p><i>(Sequence got by multiplying the natural numbers by 5 and subtracting 4 from them .)</i></p>
5	<p>A tank contains 1000 litres of water and it flows out at the rate of 5 litres per second.</p> <p>How much water is there in the tank after each second? Write their numbers as a sequence.</p>
	<p><u>Answer .</u></p> <p>995 , 990 , 985 , 980 , ...</p>