แบบฝึกหัด 1.1.1

1. จงหาพจน์ถัดไปห้าพจน์ของลำดับที่กำหนดให้ต่อไปนี้

   1) 2 , 7 , 17 , 32 , ...

   2) 200 , 195 , 190 , 185 , ...

   3) 1 , 4 , 16 , 64 , ...

   4) 729 , 243 , 81 , 27 , ...

   5) 9 , 12 , 14 , 15 , 19 , 18 , ...

2. จงเขียนห้าพจน์แรกของลำดับต่อไปนี้

   1) $a_n = 2n + 5$ a_1 = ... , a_2 = ... , a_3 = ... , a_4 = ... , a_5 = ...

   2) $a_n = 3\left(\frac{1}{2}\right)^{n-1}$ a_1 = ... , a_2 = ... , a_3 = ... , a_4 = ... , a_5 = ...

   3) $a_n = \frac{n+1}{n}$ a_1 = ... , a_2 = ... , a_3 = ... , a_4 = ... , a_5 = ...

   4) $a_n = (-1)^n + n^2$ a_1 = ... , a_2 = ... , a_3 = ... , a_4 = ... , a_5 = ...

   5) $a_n = \frac{(-1)^n}{2n}$ a_1 = ... , a_2 = ... , a_3 = ... , a_4 = ... , a_5 = ...

3. จงหาพจน์ทั่วไปของลำดับต่อไปนี้

   1) 1 , 3 , 5 , 7 , 9 , ...

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   2) 3 , 0 , –3 , –6 , –9 , ...

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   3) 1 , – 1 , 1 , – 1 , 1 , – 1 , ...

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   4) 1 , $\sqrt{2}$, $\sqrt{3}$, 2 , $\sqrt{5}$, ...

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LIVEWORKSHEETS