등차수열의 일반항 (General Term of Arithmetic Sequence)

Property			

Property

첫째항이 a

Property

첫째항이 a, 공차가 d인

Property

Property

첫째항이 a, 공차가 d인 등차수열의 일반항 a_n 은

 a_n

Property

$$a_n = a$$

Property

$$a_n = a + (n-1)$$

Property

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

Property

$$a_n = a + (n-1)d \quad (n \ge 1)$$

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$$a_1 =$$

$$a_n = a + (n-1)d \quad (n \ge 1)$$

$$a_1 = a$$

Property

첫째항이 a, 공차가 d인 등차수열의 일반항 a_n 은

$$a_n = a + (n-1)d \quad (n \ge 1)$$

 a_1

$$a_1 = a$$

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$$a_1 = a$$

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Property

$$a_n = a + (n-1)d \quad (n \ge 1)$$

$$a_1 = a$$

$$a_1 = a + 0 \times d$$

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$$a_1 = a$$
 $a_2 =$

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$$\begin{array}{rcl} a_1 & = & a \\ a_2 & = & a_1 + \end{array}$$

$$a_1 = a + 0 \times d$$

$$a_n = a + (n-1)d \quad (n \ge 1)$$

$$\begin{array}{rcl} a_1 & = & a \\ a_2 & = & a_1 + d \end{array}$$

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 $a_6 = a_5 + d = (a + 4d) + d = a + 5d$ $a_6 = a + d$

$$a_n = a + (n-1)d \quad (n \ge 1)$$

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 $a_6 = a_5 + d = (a + 4d) + d = a + 5d$
 $a_6 = a_5 + d = (a + 4d) + d = a + 5d$
 $a_7 = a_6 + d = (a + 5d) + d = a + 6d$
 $a_7 = a_6 + d = (a + 6d) + d = a + 7d$
 $a_8 = a_7 + d = (a + 6d) + d = a + 7d$
 $a_9 = a_8 + d = (a + 7d) + d = a + 8d$

$$a_n = a + (n-1)d \quad (n \ge 1)$$

$$a_1 = a$$
 $a_1 = a + 0 \times d$
 $a_2 = a_1 + d = a + d$
 $a_2 = a + 1 \times d$
 $a_3 = a_2 + d = (a + d) + d = a + 2d$
 $a_3 = a_2 + d = (a + 2d) + d = a + 3d$
 $a_4 = a_3 + d = (a + 2d) + d = a + 3d$
 $a_5 = a_4 + d = (a + 3d) + d = a + 4d$
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 $a_7 = a_6 + d = (a + 5d) + d = a + 6d$
 $a_7 = a_6 + d = (a + 6d) + d = a + 7d$
 $a_8 = a_7 + d = (a + 6d) + d = a + 7d$
 $a_8 = a_8 + d = (a + 7d) + d = a + 8d$
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Github:

https://min7014.github.io/math20200627001.html

Click or paste URL into the URL search bar, and you can see a picture moving.