

등차수열의 일반항

(General Term of Arithmetic Sequence)

Property

Property

첫째항이 a

Property

첫째항이 a , 공차가 d 인

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첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

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$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$				

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a_3	$=$	$a_2 + d$	$=$	$(a + d) + d$	$=$	$a + 2d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$

Property

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$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

$$a_1 = a$$

$$a_2 = a_1 + d = a + d$$

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$$a_4 = a_3 + d = (a + 2d) + d = a + 3d$$

$$a_5 = a_4 + d = (a + 3d) + d = a + 4d$$

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

$$a_2 = a + 1 \times d$$

$$a_3 = a + 2 \times d$$

$$a_4 = a + 3 \times d$$

Property

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a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$								

Property

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a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$
a_6	$=$	$a_5 +$				

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a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$
a_6	$=$	$a_5 + d$				

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a_3	$=$	$a_2 + d$	$=$	$(a + d) + d$	$=$	$a + 2d$	a_3	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d)$					

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$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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a_3	$=$	$a_2 + d$	$=$	$(a + d) + d$	$=$	$a + 2d$	a_3	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$				

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$a_5 = a_4 + d = (a + 3d) + d = a + 4d$		$a_5 = a + 4 \times d$
$a_6 = a_5 + d = (a + 4d) + d = a +$		

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첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

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a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$			

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a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$
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a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$
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$a_6 = a_5 + d = (a + 4d) + d = a + 5d$		$a_6 = a + 5 \times d$
$a_7 =$		

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

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a_3	$=$	$a_2 + d$	$=$	$(a + d) + d$	$=$	$a + 2d$	a_3	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 +$							

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a_3	$=$	$a_2 + d$	$=$	$(a + d) + d$	$=$	$a + 2d$	a_3	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$						

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a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
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a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$
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Property

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$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$			

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$								

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$							

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$						

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d)$					

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$					

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$				

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a +$			

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a + 7d$			

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a + 7d$	a_8	$=$	

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a + 7d$	a_8	$=$	$a + 7 \times d$

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a + 7d$	a_8	$=$	$a + 7 \times d$
a_9	$=$								

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a + 7d$	a_8	$=$	$a + 7 \times d$
a_9	$=$	$a_8 +$							

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a + 7d$	a_8	$=$	$a + 7 \times d$
a_9	$=$	$a_8 + d$							

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a + 7d$	a_8	$=$	$a + 7 \times d$
a_9	$=$	$a_8 + d$	$=$						

Property

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$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a + 7d$	a_8	$=$	$a + 7 \times d$
a_9	$=$	$a_8 + d$	$=$	$(a + 7d)$					

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

$a_1 = a$	$a_1 = a + 0 \times d$
$a_2 = a_1 + d = a + d$	$a_2 = a + 1 \times d$
$a_3 = a_2 + d = (a + d) + d = a + 2d$	$a_3 = a + 2 \times d$
$a_4 = a_3 + d = (a + 2d) + d = a + 3d$	$a_4 = a + 3 \times d$
$a_5 = a_4 + d = (a + 3d) + d = a + 4d$	$a_5 = a + 4 \times d$
$a_6 = a_5 + d = (a + 4d) + d = a + 5d$	$a_6 = a + 5 \times d$
$a_7 = a_6 + d = (a + 5d) + d = a + 6d$	$a_7 = a + 6 \times d$
$a_8 = a_7 + d = (a + 6d) + d = a + 7d$	$a_8 = a + 7 \times d$
$a_9 = a_8 + d = (a + 7d) + d$	

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a + 7d$	a_8	$=$	$a + 7 \times d$
a_9	$=$	$a_8 + d$	$=$	$(a + 7d) + d$	$=$				

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

$a_1 = a$		$a_1 = a + 0 \times d$
$a_2 = a_1 + d = a + d$		$a_2 = a + 1 \times d$
$a_3 = a_2 + d = (a + d) + d = a + 2d$		$a_3 = a + 2 \times d$
$a_4 = a_3 + d = (a + 2d) + d = a + 3d$		$a_4 = a + 3 \times d$
$a_5 = a_4 + d = (a + 3d) + d = a + 4d$		$a_5 = a + 4 \times d$
$a_6 = a_5 + d = (a + 4d) + d = a + 5d$		$a_6 = a + 5 \times d$
$a_7 = a_6 + d = (a + 5d) + d = a + 6d$		$a_7 = a + 6 \times d$
$a_8 = a_7 + d = (a + 6d) + d = a + 7d$		$a_8 = a + 7 \times d$
$a_9 = a_8 + d = (a + 7d) + d = a +$		

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

$a_1 = a$	$a_1 = a + 0 \times d$
$a_2 = a_1 + d = a + d$	$a_2 = a + 1 \times d$
$a_3 = a_2 + d = (a + d) + d = a + 2d$	$a_3 = a + 2 \times d$
$a_4 = a_3 + d = (a + 2d) + d = a + 3d$	$a_4 = a + 3 \times d$
$a_5 = a_4 + d = (a + 3d) + d = a + 4d$	$a_5 = a + 4 \times d$
$a_6 = a_5 + d = (a + 4d) + d = a + 5d$	$a_6 = a + 5 \times d$
$a_7 = a_6 + d = (a + 5d) + d = a + 6d$	$a_7 = a + 6 \times d$
$a_8 = a_7 + d = (a + 6d) + d = a + 7d$	$a_8 = a + 7 \times d$
$a_9 = a_8 + d = (a + 7d) + d = a + 8d$	

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a + 7d$	a_8	$=$	$a + 7 \times d$
a_9	$=$	$a_8 + d$	$=$	$(a + 7d) + d$	$=$	$a + 8d$	a_9	$=$	

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a + 7d$	a_8	$=$	$a + 7 \times d$
a_9	$=$	$a_8 + d$	$=$	$(a + 7d) + d$	$=$	$a + 8d$	a_9	$=$	$a +$

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

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	$=$	$a + 2 \times d$
a_4	$=$	$a_3 + d$	$=$	$(a + 2d) + d$	$=$	$a + 3d$	a_4	$=$	$a + 3 \times d$
a_5	$=$	$a_4 + d$	$=$	$(a + 3d) + d$	$=$	$a + 4d$	a_5	$=$	$a + 4 \times d$
a_6	$=$	$a_5 + d$	$=$	$(a + 4d) + d$	$=$	$a + 5d$	a_6	$=$	$a + 5 \times d$
a_7	$=$	$a_6 + d$	$=$	$(a + 5d) + d$	$=$	$a + 6d$	a_7	$=$	$a + 6 \times d$
a_8	$=$	$a_7 + d$	$=$	$(a + 6d) + d$	$=$	$a + 7d$	a_8	$=$	$a + 7 \times d$
a_9	$=$	$a_8 + d$	$=$	$(a + 7d) + d$	$=$	$a + 8d$	a_9	$=$	$a + 8 \times d$

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

$a_1 = a$		$a_1 = a + 0 \times d$
$a_2 = a_1 + d = a + d$		$a_2 = a + 1 \times d$
$a_3 = a_2 + d = (a + d) + d = a + 2d$		$a_3 = a + 2 \times d$
$a_4 = a_3 + d = (a + 2d) + d = a + 3d$		$a_4 = a + 3 \times d$
$a_5 = a_4 + d = (a + 3d) + d = a + 4d$		$a_5 = a + 4 \times d$
$a_6 = a_5 + d = (a + 4d) + d = a + 5d$		$a_6 = a + 5 \times d$
$a_7 = a_6 + d = (a + 5d) + d = a + 6d$		$a_7 = a + 6 \times d$
$a_8 = a_7 + d = (a + 6d) + d = a + 7d$		$a_8 = a + 7 \times d$
$a_9 = a_8 + d = (a + 7d) + d = a + 8d$		$a_9 = a + 8 \times d$
		\vdots

Property

첫째항이 a , 공차가 d 인 등차수열의 일반항 a_n 은

$$a_1 = a, \quad a_n = a + (n - 1)d \quad (n \geq 2)$$

$a_1 = a$		$a_1 = a + 0 \times d$
$a_2 = a_1 + d = a + d$		$a_2 = a + 1 \times d$
$a_3 = a_2 + d = (a + d) + d = a + 2d$		$a_3 = a + 2 \times d$
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$a_5 = a_4 + d = (a + 3d) + d = a + 4d$		$a_5 = a + 4 \times d$
$a_6 = a_5 + d = (a + 4d) + d = a + 5d$		$a_6 = a + 5 \times d$
$a_7 = a_6 + d = (a + 5d) + d = a + 6d$		$a_7 = a + 6 \times d$
$a_8 = a_7 + d = (a + 6d) + d = a + 7d$		$a_8 = a + 7 \times d$
$a_9 = a_8 + d = (a + 7d) + d = a + 8d$		$a_9 = a + 8 \times d$
		\vdots

Github:

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

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