

The n^{th} term of a sequence is given by:

$$t_n = \frac{1}{\sqrt{5}} \left(\frac{1+\sqrt{5}}{2} \right)^n - \frac{1}{\sqrt{5}} \left(\frac{1-\sqrt{5}}{2} \right)^n$$

Work out the terms for the values of n shown.

n	t_n
4	
6	
10	

S1C_21

The n^{th} term of a sequence is given by:

$$t_n = \frac{1}{\sqrt{5}} \left(\frac{1+\sqrt{5}}{2} \right)^n - \frac{1}{\sqrt{5}} \left(\frac{1-\sqrt{5}}{2} \right)^n$$

Work out the terms for the values of n shown.

n	t_n
3	
6	
9	

S1C_21

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n	t_n
3	
5	
8	

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n	t_n
4	
8	
12	

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Work out the terms for the values of n shown.

n	t_n
4	
5	
8	

SIC_21

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Work out the terms for the values of n shown.

n	t_n
4	
8	
9	

SIC_21

$$\left(\frac{1 + \sqrt{5}}{2}\right)^{\square} = \left(\frac{+ \sqrt{5}}{2}\right)$$

$$\left(\frac{1 - \sqrt{5}}{2}\right)^{\square} = \left(\frac{- \sqrt{5}}{2}\right)$$

$$\left(\frac{1 + \sqrt{5}}{2}\right)^{\square} = \left(\frac{+ \sqrt{5}}{2}\right)$$

$$\left(\frac{1 - \sqrt{5}}{2}\right)^{\square} = \left(\frac{- \sqrt{5}}{2}\right)$$

$$\left(\frac{1 + \sqrt{5}}{2}\right)^{\square} = \left(\frac{+ \sqrt{5}}{2}\right)$$

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$$\left(\frac{1 + \sqrt{5}}{2}\right)^{\square} = \left(\frac{+ \sqrt{5}}{2}\right)$$

$$\left(\frac{1 - \sqrt{5}}{2}\right)^{\square} = \left(\frac{- \sqrt{5}}{2}\right)$$