ONTARIO FUNCTIONS, GRADE 11, UNIVERSITY PREPARATION (MCR3U) · UNIT D · 5 QUESTIONS

Discrete Functions — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A sequence is defined by $t_1 = 2$ and $t_n = t_{n-1} + 6$ The third term is**

- A 8
- B 20
- C 15
- D 14

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2 **A sequence is defined by $t_1 = 9$ and $t_n = t_{n-1} + 4$ The third term is**

- A 17
- B 13
- C 21
- D 18

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3 A sequence is defined by $t_1 = 3$ and $t_n = 2\,t_{n-1}$ The third term is

- A 6
- B 12
- C 24
- D 13

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4 A sequence is defined by $t_1 = 5$ and $t_n = 3\,t_{n-1}$ The third term is

- A 45
- B 15
- C 135
- D 46

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5 A sequence is defined by $t_1 = 2$ and $t_n = 4\,t_{n-1}$ The third term is

- **A** 8
- **B** 128
- **C** 32
- **D** 33

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ANSWER KEY

1. D
2. A
3. B
4. A
5. C

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