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

Exponential 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 The y intercept of $y = 4(3^x)$ is

- A 5
- B 12
- C 0
- D 4

Understand It with Pulse | Flag a mistake

2 The y intercept of $y = 3(3^x)$ is

- A 4
- B 9
- C 3
- D 0

Understand It with Pulse | Flag a mistake

3 **The y intercept of $y = 5(3^x)$ is**

A 5

B 6

C 15

D 0

Understand It with Pulse | Flag a mistake

4 **American dollar banknotes and Canadian dollar banknotes fan out on a white surface. An investment of 1000 dollars grows by a factor of 1.1 each year. Its value after 2 years, to the nearest dollar, is**



A 1310

B 1210

C 1110

D 1200

Understand It with Pulse | Flag a mistake

5 **An investment of 1000 dollars grows by a factor of 1.1 each year. Its value after 3 years, to the nearest dollar, is**

A 1431

B 1231

C 1331

D 1300

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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