IGCSE Mathematics Calculus Unit Test

2023

TianEn Academy

Calculator Allowed

Time: 1 Hour 30 Minutes

Name:\_\_\_\_\_\_\_\_\_\_

**Find the limit of functions below:**

6. **Does exist? If it does, provide the answer, else explain why.**

**Use the definition of the derivative to find the derivative of each function with respect to x.**

**Hint: the definition of the derivative is:**

**You MUST use the definition provided above, any other attempt will be marked as zero.**

7.

8.

9.

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10.

11.

12.

**Use the Rules of Differentiation to Find the Derivative of the Function.**

13.

14.

15.

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