

Differentiation

11/10/24 – Class 3e

What is Differentiation?

- Define what Differentiation means in your lesson.
- Pose some introductory questions or prompts.

1. Question 1: Is $\sqrt{3}$ a surd?
2. Question 2: Is $\sqrt{4}$ a surd?
3. Question 3: Is $\sqrt{99}$ a surd?

Key Facts about Differentiation

- **Fact 1:** [Insert description]
- **Fact 2:** [Insert description]
- **Fact 3:** [Insert description]

Additional Information

- Explain further details or techniques regarding Differentiation.
- Include inline math as needed, e.g., $\sqrt{2}$, $\frac{a}{b}$.

Worked Examples

1. Example 1:

- Step 1: Explanation with inline math (e.g., $\sqrt{a \times b} = \sqrt{a}\sqrt{b}$).
- Step 2: Further breakdown.

2. Example 2:

- Detailed steps here.

Let's Try

- Demonstrate a worked example on the board.
 - **Problem:** [Insert problem statement]
 - **Solution Outline:** [Provide hints or steps]

Now You Try

- **Activity:** Instructions for student work.
 - "Front side of worksheet" or "Time: Remainder of the hour".

Recap

- Summarize the essential points about Differentiation.
- Review key facts, rules, and methods covered.