

# Student Prompt Sheet

## Solving Maths & Science Queries (Chapter 3.3)

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### Language based Subjects

- Which countries comprised of Indo-China?
- Summarise the events of revolt of 1857
- What does the writer talk about in the poem - Road not Taken?
- What is meant by Absolutist?

### Better Understanding

- What is meant by Absolutist? (Explain in context of NCERT Class 10 History)
- Explain in simpler words
- Explain like I am 5 / 10 / 15 years old
- Explain me in simple Hinglish language (Hindi + English)
- Explain me in a funny way.

### Maths and Science Examples

**Use Plugin:** Wolfram Alpha for better results

**Use Website:** <https://www.wolframalpha.com> to type out mathematically.

- Find the roots of the following quadratic equations, if they exist, by the method of completing the square:  $2x^2 - 7x + 3 = 0$
- The sum of the reciprocals of Rehman's ages, (in years) 3 years ago and 5 years from now is  $\frac{1}{3}$  Find his present age.
- Solve  $\int 3x^2 dx$

# Display Maths and Science Answers

**Use Website:** <https://quicklatex.com>

- First ask ChatGPT to display the answer in LaTeX format. Then input the code into the website to visually see. This is helpful in maths and physics.
- This also works for chemistry and chemical equations

## Prompt Tips

- Solve it step by step
- Give the expression as an answer, not a number