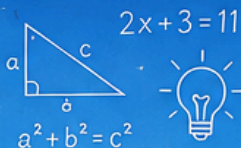




HOW TO USE AI WISELY IN LEARNING MATH

A STUDENT GUIDE – MY PERSPECTIVE

AI is my study buddy,
not my answer machine!



1 ASK SMART QUESTIONS



The better my question,
the better the answer.
Be specific!

MY PROMPT EXAMPLE:

Explain how to find the area and perimeter of a rectangle with length 8 cm and width 5 cm. Give steps and an example.

2 LEARN THE PROCESS, NOT JUST THE ANSWER



I ask AI to explain step by step so I can understand the logic.

3 CHECK AND THINK



I always check the answer, try it on my own and see if it makes sense. Math is about thinking!

4 USE AI FOR PRACTICE AND NEW IDEAS



I ask AI for similar problems, quizzes or real-life examples to practice more.

5 BE CREATIVE AND MAKE IT MINE



I use AI ideas, then I add my own words, examples and style.



AI can help me learn faster, but I am the one who becomes better!

AI EXAMPLE ANSWER

To find the area of a rectangle:

$$A = \text{length} \times \text{width}$$
$$A = 8 \times 5 = 40 \text{ cm}^2$$

To find the perimeter:

$$P = 2 \times (\text{length} + \text{width})$$
$$P = 2 \times (8 + 5) = 26 \text{ cm}$$

8 cm



5 cm

MY OWN CHECK

$$\text{Area} = 8 \times 5 = 40 \text{ cm}^2 \checkmark$$

$$\text{Perimeter} = 2 \times (8+5)$$
$$= 2 \times 13$$
$$= 26 \text{ cm} \checkmark$$

Looks good! 😊

BE CURIOUS. STAY CRITICAL.

KEEP LEARNING!



HOW TO USE AI WISELY IN LEARNING MATH

A STUDENT GUIDE – MY PERSPECTIVE

AI is a powerful tool that helps me understand, inspire and grow!



1 I START WITH A CLEAR GOAL

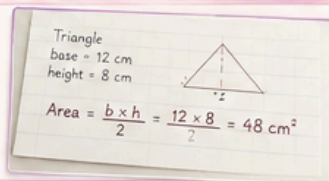
I know what I want to learn: a formula, a method, or a real-life example. I write my question clearly.

MY PROMPT EXAMPLE:

Explain how to find the area and perimeter of a triangle with base 12 cm and height 8 cm. Show the steps and give an example.

2 I UNDERSTAND, THEN I APPLY

I read the explanation carefully and try to solve a similar problem on my own.



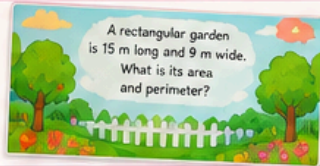
3 I CHECK AND IMPROVE

I compare my solution with AI's explanation. If something isn't clear, I ask again!

What if the base is 15 cm and height is 10 cm? Can you give me another example?

4 I USE AI FOR INSPIRATION

I ask for practice problems, quizzes, or fun math facts to learn in creative ways.



5 I ADD MY PERSONAL TOUCH

I turn what I learn into my own notes, mind maps, or posters. I make it beautiful and meaningful!

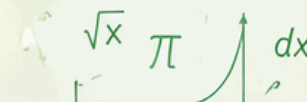


AI helps me open the door, but curiosity and effort help me walk through it. I learn with my mind, my heart and my creativity!



HOW TO USE AI WISELY IN LEARNING MATH

A TEACHER GUIDE – MY PERSPECTIVE



AI is a partner in education. Our role is to guide, inspire and empower students to think critically and mathematically.

✓ TEACH PURPOSEFUL USE

I help students understand when and why to use AI: to explore, to practice, to explain, and to get inspired – not just to get answers.

EXAMPLE PROMPT FOR STUDENTS:

Give 3 real-life situations where we can use the concepts of area and perimeter. Explain each one.

2 PROMOTE CRITICAL THINKING

I encourage students to question, verify and connect AI responses with their prior knowledge and math principles.

AI RESPONSE (EXAMPLE)

- A fence around a garden (perimeter)
- Carpeting a room (area)
- Painting a wall (area)
- ...

✓ DESIGN AI-INTEGRATED ACTIVITIES

I create tasks where AI supports learning: generating examples, alternative explanations, practice sets or visual models.

STUDENT WORK SAMPLE



✓ DEVELOP AI LITERACY

I teach students how to write good prompts, evaluate information, and use AI ethically and responsibly.

GOOD PROMPT CHECKLIST

- ✓ Be specific
- ✓ Include numbers/conditions
- ✓ Ask for steps or examples
- ✓ Ask for explanation
- ✓ Check and reflect

5 KEEP HUMAN CONNECTION CENTRAL

I use AI to save time and enrich lessons, but I focus on motivation, discussion, collaboration and real understanding.



OUR GOAL

Confident, curious and responsible math learners who use AI as a tool – not a shortcut. Together, we build understanding that lasts!

