

Let's assume we have to look for the translation of a mathematical term.

Where do we begin ?

How can we be (fairly) sure we have the right translation ?

For instance : how to we say "le milieu (d'un segment)" in English ?

Don't be afraid of CHATGPT

Go to <https://chat.openai.com/> and sign up : use one of your email accounts and chose a password.

Now ask your question in english. Don't worry, even if you are a bit clumsy, CHATGPT will do its best to understand. For instance you could ask:

"How do you call the point which is right in the middle of a segment ?".

Here's what CHATGPT answers :

The point that is right in the middle of a segment is called the "midpoint." The midpoint is equidistant from both endpoints of the segment and divides the segment into two equal halves. It is a fundamental concept in geometry and is often denoted by the letter "M" or by other notations such as "P" or "Q" depending on the context.

So we're pretty sure the right word is *midpoint*.

Use WIKIPEDIA to double check

Now, on your favorite search engine, type "midpoint wiki" and read the corresponding WIKIPEDIA page.

It *midpoint* the correct word ?

Remark : What's the tough job ?

The hardest thing is to formulate the right question to CHATGPT.

That is where you english skills come into play !

Your turn

Find the translations of the following words or expressions using (if need be CHATGPT and WIKIPEDIA).

French	English
sommet	
angle aigu	
angle saillant	
angle rentrant	
médiatrice	
médiane (d'un triangle)	
hauteur (d'un triangle)	
bissectrice	
concourantes	
centre de gravité	
orthocentre	
centre du cercle circonscrit	
centre du cercle inscrit	
losange	
triangle équilatéral	
triangle isocèle	
triangle rectangle	
triangle quelconque	

You can add more words if you're curious... try "équation du second degré", "racines", "discriminant", "sommet de la parabole"...