

## Homer does math ! *First part*

In the episode 10 of season 5, Homer Simpson does math !

1) [Watch the extract of this episode](#) several times in order to reply to these questions :

- Write as much as possible mathematical words you have heard.
- What kind of mathematical notion Homer is speaking about ?
- How can you explain that Homer is not that good at maths ?

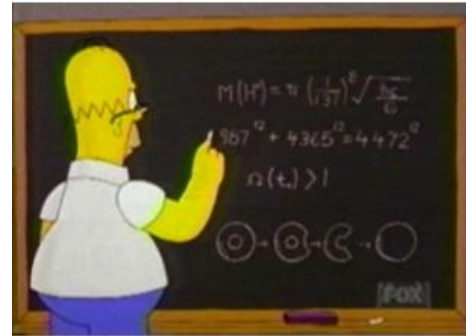
2) Present your work to the class.



## Homer does math ! *Second part*

Here is the transcription of an extract of episode 10 of season 5. Try to put the sentences in the right place on the video, using the software *Movie Maker*.

- That's a right triangle, you idiot!
- Last chance!
- D'oh!
- triangle is equal to the square root of the remaining side.
- Hey! There's something you don't see in a toilet every day.
- The sum of the square roots of any two sides of an isosceles
- Woo-hoo!
- Anybody lose their glasses?



## Homer does math ! *Third part*

- Write Pythagoras theorem.
- Using the transcription you have put in the right order, write a few sentences to explain where Homer made mistakes.
- Present your work to the class.
- If you have finish before others pupils, you can understand better Pythagoras theorem and train yourself with exercices using this link : [http://www.cimt.plymouth.ac.uk/projects/mepres/book8/bk8i3/bk8\\_3i1.htm](http://www.cimt.plymouth.ac.uk/projects/mepres/book8/bk8i3/bk8_3i1.htm)

