MATHS IN ENGLISH

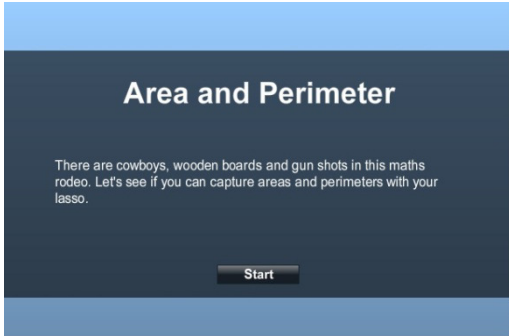Go to the address: **http://www.bbc.co.uk/schools/gcsebitesize/maths/geometry/**

The words marked with an asterisk* are translated in French at the bottom of the paragraph.

3. Third sequence: "Area and perimeter"

Choose "Geometry and measures"➡ "Calculating lengths, areas and angles"➡ " Area and perimeter"➡ "activity".

You will get this screen:

Click the "start" button.

"The perimeter is the name we give to the combine length of all the sides that make a shape*. Figuring out the length of the perimeter is dead easy: just add the length of all the sides together."
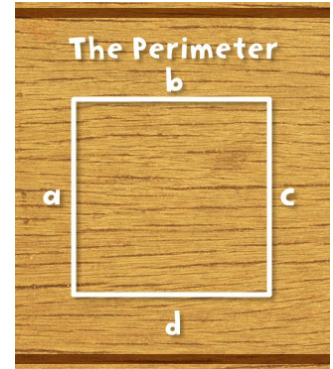
What expression do they use to say it's very easy?

....

What operation do we use to calculate a perimeter?

....

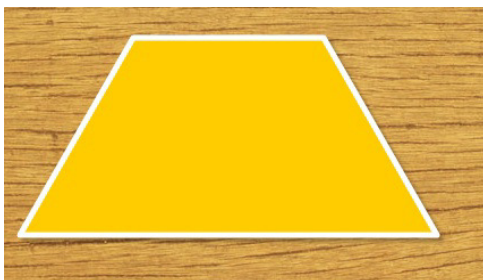*"Easy! Let's see you try it. Find the perimeter of the shape".*
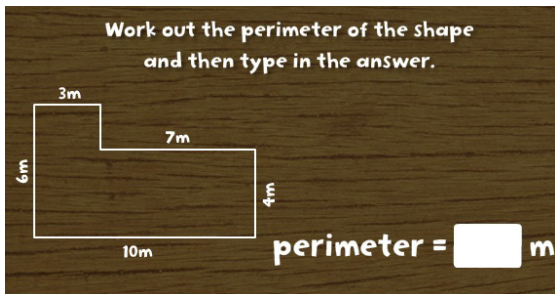
Wrong answer: *"You don't like being fenced in*, do you? Sorry, but that's wrong!"*

Right answer: *"Any sharper* and you'll cut yourself! Yes! That's right!"*

Do you know something sharp? ....
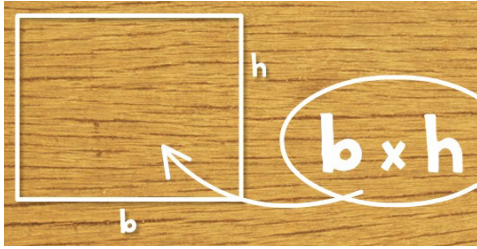
Click the "next" button.

"Area is the polite four letter word we use to describe the amount* of space within* a 2D shape. Depending on the shape of the space, we can work out the area by using simple formulae."

Do you know a four letter word that is NOT polite? ....
Do you study Latin and can you tell why they say "formulae"? Or can you ask a friend to help you answer? ....

....

....

"Want to know the area of a rectangle (and who wouldn't)? Then simply multiply its base by its height."
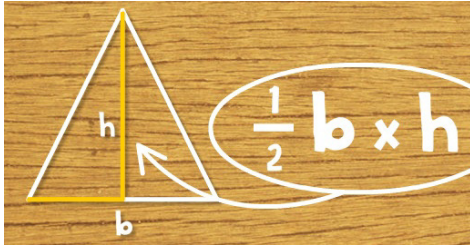
"Need to find the area of a triangle? Just multiply half the length of the base by the height of the triangle."

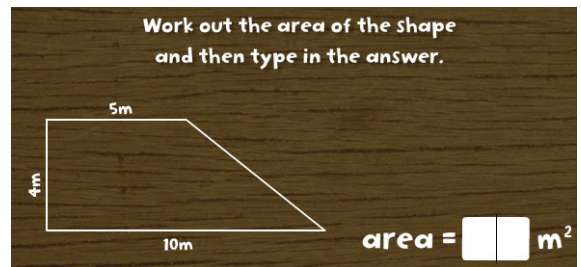What operation do we use to calculate an area? ....

"Ok! So now you've got that, get this! And work out the area of this shape."

Right answer: "*You've done this sort of thing before!*"

Wrong answer: "*Oh dear, what are you thinking?*"

Vocabulary:

shape : forme / figure géométrique

to fence in: enfermer (ici, dans un enclos, dans la forme géométrique)

sharp: aiguisé (pour une lame) / fin (pour une intelligence); sharper : "more sharp".
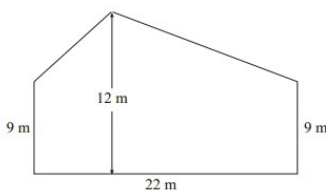
amount : quantité.

within : à l'intérieur de.

Exercise:

Can you work out the perimeter of a rectangle which dimensions are five centimeters (width) and twelve centimeters (length)? ....

....

And can you work out its area? ....

What about the area of a triangle which base is fifteen centimeters, and which height is ten centimeters?

....

For the fastest students: can you find the area of the shape below?

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