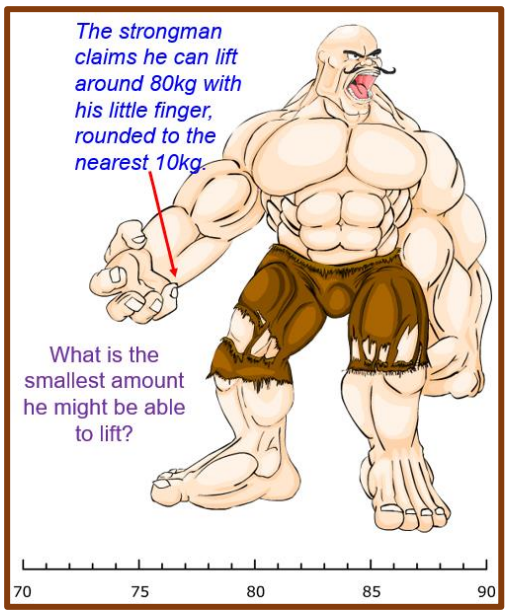
The strongman and the limits of accuracy



In our Upper 4 maths lesson, we kicked things off with an unexpected twist, an image of a strongman boasting about his strength. This sparked a lively discussion about accuracy and estimation, making it the perfect way to introduce the topic of limits of accuracy.

To add some fun, I posed a hypothetical question to the class:

What if this strongman magically appeared in front of you?

The pupils eagerly shared what their reactions would be, leading to lots of giggles, especially when I demonstrated my own attempt to escape the Strongman by hopping on one leg! This light-hearted beginning set the perfect tone and engaged everyone for some serious maths learning.

The strongman scenario then smoothly transitioned into the core of the lesson: determining the lower and upper bounds of approximations. With this foundation, the class was ready to extend their learning on problems, such as finding error intervals for numbers rounded to significant figures and decimal places. What could have been a difficult concept turned into an enjoyable experience, with every pupil enthusiastically working through the problems.

The atmosphere in the classroom was incredible! Moments like these – watching pupils laugh, learn, and excel – make me wonder why more people aren't choosing this profession!

Mr Charles Adegboro