**Indoor Measures Scavenger Hunt** [](https://www.google.com/imgres?imgurl=http://images.clipartpanda.com/fear-clipart-clipart-magnifying-glass.gif&imgrefurl=http://www.clipartpanda.com/categories/magnifying-glass-book-clipart&tbnid=vLkUHEgNT1qu8M&vet=10CLABEDMoU2oXChMImP2-nY6Y6QIVAAAAAB0AAAAAEAM..i&docid=Zbk96tbVLjWhsM&w=542&h=536&q=scavenger%20hunt%20CARTOON&hl=en&ved=0CLABEDMoU2oXChMImP2-nY6Y6QIVAAAAAB0AAAAAEAM)

We would like you to go on a maths scavenger hunt.

Look at the list. We have described various objects. See if you can find the objects that match the description.

You need to choose and use appropriate standard units to guess:

* length/height in any direction (m/cm);
* quantity (Kg/g); using rulers & kitchen scales.

Then check your guess by accurately measuring each object.

Draw a picture, or take a photograph, of the objects you chose.

|  |  |  |
| --- | --- | --- |
| **In my room / my house** | | |
|  | Guess/Estimate | Measurement |
| The length of a window |  |  |
| The height of a door |  |  |
| The length of a pencil |  |  |
| The length of a pen |  |  |

|  |  |  |
| --- | --- | --- |
| The length of a book |  |  |
| The height of a desk, or table |  |  |
| The length of my bedroom |  |  |
| The width of my bedroom |  |  |
| The weight of the pencil |  |  |
| The weight of the book |  |  |
| The weight of a shoe |  |  |
| The weight of a mobile phone |  |  |
| The weight of pair of socks |  |  |
| [A person with a question mark behind them](https://www.google.com/imgres?imgurl=http://clipartmag.com/images/challenges-clipart-8.jpg&imgrefurl=http://clipartmag.com/challenges-clipart&tbnid=c-lYS_RTXeKDEM&vet=12ahUKEwjEvcyDnZjpAhWV0OAKHd18BesQMygmegQIARB3..i&docid=FyANY7xyIPGHwM&w=170&h=170&q=challenges%20clipart&hl=en&ved=2ahUKEwjEvcyDnZjpAhWV0OAKHd18BesQMygmegQIARB3) | Challenge | [A person with a question mark behind them](https://www.google.com/imgres?imgurl=http://clipartmag.com/images/challenges-clipart-8.jpg&imgrefurl=http://clipartmag.com/challenges-clipart&tbnid=c-lYS_RTXeKDEM&vet=12ahUKEwjEvcyDnZjpAhWV0OAKHd18BesQMygmegQIARB3..i&docid=FyANY7xyIPGHwM&w=170&h=170&q=challenges%20clipart&hl=en&ved=2ahUKEwjEvcyDnZjpAhWV0OAKHd18BesQMygmegQIARB3) |

Now try to convert all your measurements into different units. You could also try using decimals.

e.g. 20 centimetres (cm) = 0.2 metres (M),   
2 metres (M) = 200 centimetres (cm)   
20 grams (g) = 0.02 kilograms (Kg)  
2 kilograms (Kg) = 2000 grams (g)