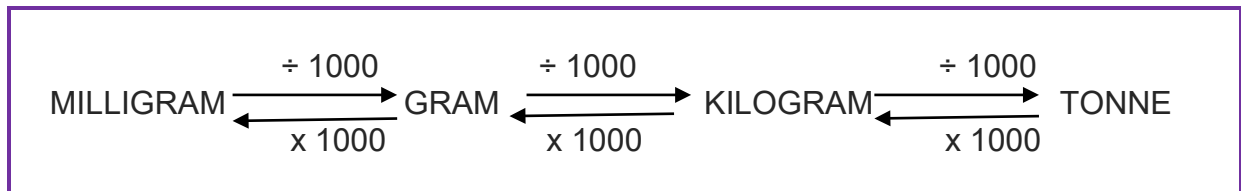


# MASS

## APPLICATIONS

### A-MASS-ING WORLD RECORDS

<p>HEAVIEST WEIGHT LIFTED BY TONGUE</p> <p>12.5kg by Thomas Blackthorne (UK) in 2008</p>	<p>HEAVIEST OBJECT SUPPORTED WHILST SWORD-SWALLOWING</p> <p>Demolition hammer with a mass of 38kg for 3 seconds by Thomas Blackthorne (UK) in 2007</p>	<p>GREATEST WEIGHT SUPPORTED WHILE SKIPPING ROPE 10 TIMES</p> <p>185 kg by James Thompson (USA) in 2010</p>
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Q1. Use scales to find how heavy a book is. Pile up textbooks that have a combined mass of the 12.5 kilograms that Thomas Blackthorne lifted with his tongue.

Q2. Convert 12.5 kg to milligrams, grams and tonnes.

Q3. Use scales to find how heavy your chair is. Pile up chairs that have a combined mass of the 38 kilograms that Thomas Blackthorne lifted while sword-swallowing.

Q4. Convert 38 kg to milligrams, grams and tonnes.

Q5. Use scales to find your own mass. How many times your mass did James Thompson lift while skipping?

Q6. Convert 185 kg to milligrams, grams and tonnes.



## **ANSWERS**

Q2. 12500000 mg, 12500 g, 0.0125 t

Q4. 38000000 mg, 38000 g, 0.038 t

Q6. 185000000 mg, 185000 g, 0.185 t