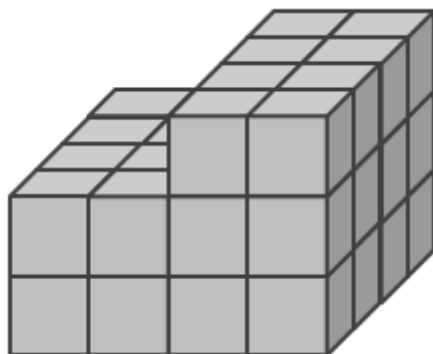


Goals



This week and next week we are going to:

- review metric units of mass (and weight), their abbreviations, conversions between them, and appropriate choices of units
- recognise the need for milligrams
- convert between grams and milligrams
- review metric units of volume, their abbreviations, conversions between them, and appropriate choices of units
- recognise relations between volume and capacity, recognising that $1\text{cm}^3 = 1\text{mL}$ and $1\text{m}^3 = 1000\text{L}$
- use formulas to find the volume and capacity of regular objects such as cubes, rectangular and triangular prisms and cylinders
- use formulas to find the volume of pyramids and spheres

Theoretical Components

Resources:

PDF file: Week 4 and 5 Notes and Exercises

Knowledge Checklist

- Conversion factors for volume.
- Units of capacity
- Relationship between volume and capacity

Order

1. Work through the Week 4 and 5 notes and exercises
2. Show your teacher the completed booklets
3. Complete the Week 4 questions and the investigation (Week 5)

Practical Components

There are two booklets to collect for the next two weeks. Week 4 and Week 5

Work through these exercises and show the completed tasks to your teacher.

Be sure to ask for help as you need for the successful completion of all tasks.

Investigation/Journal

Week 4 – see your sheet for details.
The **investigation** for Week 5 may be found at the end of the Week 5 notes.