

Maths Workout - Geometry & Measures

Topic 12 - Capacity & Volume				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Understand and convert between units of capacity and volume</i>	<i>Read a scale using interpolation to find the amount of liquid in a container</i>	<i>Find the volume of a solid by counting cubes and half-cubes</i>	<i>Calculate the volume of a cube and cuboid</i>	<i>Calculate the capacity of a cuboid container and the amount of liquid it contains</i>
1. Know the difference between capacity and volume and the units of each	1. Read a scale to find the amount of liquid in a container	1. Find the volume of a solid by counting cubes	1. Calculate the volume of a cube and cuboid: unit length markings	1. Calculate the capacity of a cuboid in millilitres
2. Know the equivalence of units of capacity and volume, and the uses of each	2. Read a scale using interpolation to find the amount of liquid in a container	2. Find the volume of a solid by counting cubes	2. Calculate the volume of a cube and cuboid: unit length markings	2. Calculate the capacity of a cuboid; convert to litres
3. Know some uses of the units of capacity and volume	3. Read a scale using interpolation to find the amount of liquid in a container	3. Find the volume of a solid by counting cubes	3. Calculate the volume of a complex solid: unit length markings	3. Calculate the quantity of liquid in a container in millilitres
4. Convert between litres and millilitres; litres to 1dp	4. Read a scale using interpolation to find the amount of liquid in a container	4. Find the volume of a solid by counting cubes		4. Calculate the quantity of liquid in a container; convert to litres
5. Convert between litres and millilitres; litres to 3dp		5. Find the volume of a solid by counting cubes		5. Calculate the quantity of liquid in a container; convert to litres where necessary
6. Convert between litres and centilitres; litres to 1dp		6. Find the volume of a solid by counting cubes and half cubes		6. Calculate the quantity of liquid in a container
7. Convert between centilitres and millilitres; centilitres to 1dp		7. Find the volume of a solid by counting cubes and half cubes		7. Calculate the quantity of liquid in a container
8. Convert between litres and cubic centimetres; litres to 1dp		8. Find the volume of a solid by counting cubes and half cubes		8. Calculate the quantity of liquid in a container
9. Convert between litres and cubic centimetres; litres to 3dp		9. Find the volume of a solid by counting cubes and half cubes		9. Calculate the quantity of liquid in a container
10. Solve problems in context involving capacity and volume		10. Find the volume of a solid by counting cubes and half cubes		10. Calculate the quantity of liquid in a complex container; extension
11. Solve problems in context involving capacity and volume				
12. Speed response: identify two equivalent amounts				
13. Speed response: identify two equivalent amounts				
14. Speed response: identify two equivalent amounts				