

Y6 – Autumn – Block 5 – Step 1 – Metric measures Answers

Question	Answer						
1	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th style="width: 33%;">Mass</th> <th style="width: 33%;">Length</th> <th style="width: 33%;">Capacity</th> </tr> </thead> <tbody> <tr> <td>g kg tonne</td> <td>mm km</td> <td>ml l</td> </tr> </tbody> </table>	Mass	Length	Capacity	g kg tonne	mm km	ml l
Mass	Length	Capacity					
g kg tonne	mm km	ml l					
2	<p>length: the measurement of something from end to end</p> <p>volume: the amount of space enclosed by a container</p> <p>mass: the amount of matter that makes up a substance</p> <p>capacity: how much of a solid, liquid or gas an object can hold</p>						
3	<p>a) g kg l tonne</p> <p>b) cl cm m km</p> <p>c) cm³ m³ ml l</p> <p>d) mm cm m mg</p>						
4	<p>a) 2 ml 20 ml 200 ml 2,000 ml</p> <p>b) 50 mm 50 cm 50 m 50 km</p> <p>c) 1.5 g 1.5 kg 1.5 tonnes 15 kg</p> <p>d) 100 cm 100 m 100 km 100 mm</p>						
5	<p>estimate of length of classroom in metres Children may have different values, but they should all use metres for the unit.</p>						
6	<p>No Any distance can be measured using centimetres, but the numbers may be very large.</p>						
7	<p>A typical bath holds about 80 litres of water. Children need to explain how they arrived at their estimate.</p>						
8	<p>Jugs come in different sizes.</p>						

Y6 – Autumn – Block 5 – Step 1 – Metric measures Answers (continued)

Question	Answer
9	child's method of estimating the capacity of a swimming pool, using something that they know the capacity of, e.g. a litre bottle, a bucket, their estimate to Q7
10	child's estimate of the mass of their school, e.g. <ul data-bbox="211 337 746 447" style="list-style-type: none">• find out the mass of a brick• estimate how many bricks in each wall• multiply to find the mass