






## Phase 6 Measurement Assessment

Phase 6 Progression Overview	Assessment Note	Marks
<ul style="list-style-type: none"><li>I can use the known size of an object to estimate the size of unfamiliar objects.</li></ul>	Q1	
<ul style="list-style-type: none"><li>I can convert between fractional parts or decimal parts or decimal notations to 2dp when using measurements.</li></ul>	Q2	
<ul style="list-style-type: none"><li>I can compare, sort and order objects using standard units.</li></ul>	Q3	
<ul style="list-style-type: none"><li>I can draw squares and rectangles with a given perimeter.</li></ul>	Q4	
<ul style="list-style-type: none"><li>I can calculate the area of a 2D rectangle or square and explain the method used.</li></ul>	Q5	
<ul style="list-style-type: none"><li>I can begin to see the relationship between counting cubes and calculations for calculating volume.</li></ul>	Q6	
<ul style="list-style-type: none"><li>I can interpret unnumbered graduations on a variety of scales.</li></ul>	Q7	
<ul style="list-style-type: none"><li>I can show an awareness of imperial units used in everyday life, for example, miles or stones.</li></ul>	Q8	

	Question	Mark
1	Answer the following questions.	
(a)	 <p>If the white door of this castle is 3 meters tall, estimate the height of the whole castle. Explain your thinking.</p>	1
(b)	 <p>If this single rock weighs 4kg, estimate the weight of the rocks above. Explain your thinking.</p>	1

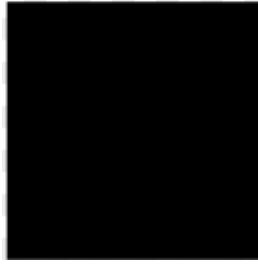
2	Fill in the following blanks.	
(a)	What is 0.56kg in grams?	1
(b)	What is 4m 34cm in metres?	1
(c)	What is 7.38 litres in ml?	1
3	<p>Put these measurements in order from SMALLEST to BIGGEST.</p> <div style="display: flex; justify-content: space-around; align-items: center; text-align: center;"> <div data-bbox="368 1061 496 1344">  <p>25kg</p> </div> <div data-bbox="660 1061 858 1344">  <p>31.8kg</p> </div> <div data-bbox="1043 1155 1182 1344">  <p>3500g</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <span>Smallest</span> <span>—————→</span> <span>Biggest</span> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <span>_____</span> <span>_____</span> <span>_____</span> </div>	1

<b>4</b>	Answer the following questions.	
<b>(a)</b>	Draw a square with the perimeter of 16cm  .	<b>1</b>
<b>(b)</b>	Draw a rectangle with the perimeter of 28cm	<b>1</b>

**5** Answer the following questions.

**(a)**

6cm

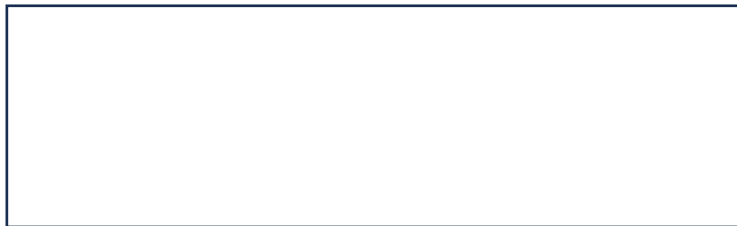


Calculate the area of this square.  
Show your thinking.

**1**

**(b)**

12cm



7cm

Calculate the area of this rectangle.  
Show your thinking.

**1**

6



Calculate the volume of the cube above.  
Show your thinking.

1

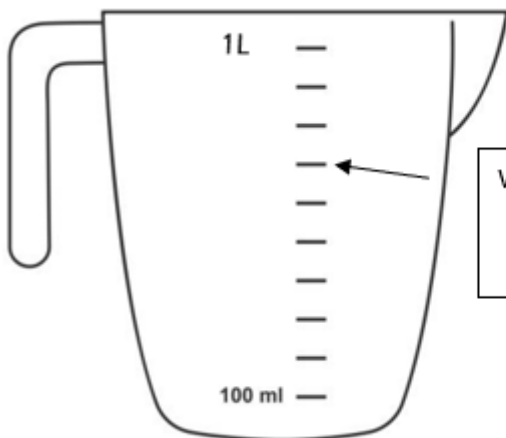
6



25cm

What measurement is the  
arrow pointing at?

\_\_\_\_\_



What measurement is the arrow pointing at?

1

6

In what unit of measure would you measure the distance from point A to point B?



Answer

In what unit of measure would you measure the length of these scissors?



Answer

In what unit of measure would you measure the weight of a human?

Answer