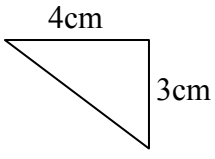


	Give 1 mark for each •	Illustrations for awarding each mark
1.(a)	• ¹ carry out calculation correctly	• ¹ 20·81
1.(b)	• ¹ carry out calculation correctly	• ¹ 0·095
1.(c)	• ¹ carry out calculation correctly	• ¹ 62·24
1.(d)	• ¹ know how to find fraction • ² carry out calculation correctly	• ¹ $\frac{1}{7}$ of 497 = 71 • ² $71 \times 5 = 355$ 5 marks KU
2.	• ¹ a between 1 and 10 • ² correct power	• ¹ 3·04 • ² 10^8 2 marks KU
3.	• ¹ identify highest frequency	• ¹ carbohydrates 1 mark KU
4a.	• ¹ interpret instructions • ² carry out calculations correctly	• ¹ line 2 correct -6 -3 • ² line 3 correct -9 2 marks KU
4b.	• ¹ adapt instructions • ² complete lines 1 & 2 • ³ complete lines 3 & 4	• ¹ 2 correct entries -2 • ² 2 correct entries 1 -3 • ³ 5 th correct entry 5 -4 1 12 -7 3 -2 3 marks RE
5.	• ¹ know calculate time journey time • ² add journey time to start time • ³ correct time calculations	• ¹ 1534 – 0845 • ² 6h 49 mins • ³ $1524 + 6h\ 49mins = 2213$ 3 marks KU

	Give 1 mark for each •	Illustrations for awarding each mark
6a.	• ¹ correctly plots and labels points	• ¹ correct points and labels
6b.	• ¹ identifies RA triangle • ² uses Pythagoras Theorem • ³ identifies correct lengths • ⁴ calculations correct	 <p>•¹ & •²</p> <p>•³ $AB^2 = 3^2 + 4^2 = 25$ •⁴ $AB = 5\text{cm}$</p> <p>1 mark KU 4 marks KU</p>
7.	• ¹ knows to find percentage of original • ² finds percentage • ³ valid conclusion	<p>•¹ 30% of £700 •² 10% = £70; 30% = £210 •³ Not correct</p> <p>3 marks RE</p>
8a.	• ¹ state probability	<p>•¹ $\frac{6}{20} = \frac{3}{10}$ (accept unsimplified)</p> <p>1 mark KU</p>
8b.	• ¹ identify NON cartoons • ² state probability	<p>•¹ 12 non-cartoons •² $\frac{12}{20} = \frac{3}{5}$ (accept unsimplified)</p> <p>2 marks RE</p>
9.	• ¹ identifies right angle • ² calculate unknown angle	<p>•¹ Angle ORQ = 90° •² Angle RQO = 26°</p> <p>2 marks RE</p>
Total marks: KU 19 RE 10		