

Q1 June 2023

12	(a)	Merit	B1	cao
	(b)	24	M1	for beginning to work with proportion eg $105 \div 7 (= 15)$ or $7 \div 105 (= 0.07 \text{ or } 0.06....)$ or $360 \times 7 (= 2520)$ or $\frac{360}{105} (= 3.4...)$ or works out a quantity for one sector eg $\frac{7}{105} \times 30 (= 2)$, $\frac{7}{105} \times 75 (= 5)$, $\frac{7}{105} \times 150 (= 10)$,
			M1	for a complete method eg $\frac{360}{105} \times 7$ oe or “3.4...” $\times 7$ or $360 \div “15”$ or $360 \times “0.06..”$ or “2520” $\div 105$ or $7 + “2” + “5” + “10”$
			A1	cao

Q2 June 2024

7	(a)	Bus	B1	cao
	(b)	5	B1	cao

Q3 June 2024

14	Pie chart drawn and labelled	M1	for a method to calculate one angle eg $\frac{30}{30+10+50} \times 360 (= 120)$ or $\frac{10}{30+10+50} \times 360 (= 40)$ or $\frac{50}{30+10+50} \times 360 (= 200)$ oe	
		A1	for all 3 angles correctly calculated or at least one correct and accurately drawn angle	Three angles correct in table is enough for this mark regardless of angles in the diagram.
		A1	for a fully correct labelled pie chart	Each sector must be labelled with the associated drink, not angle size.

Q4 Nov 2018

12	Correct pie chart	M1	for method to find at least one angle eg P: $360 \div 60 \times 24 (=144)$ or C: $360 \div 60 \times 16 (=96)$ or M: $360 \div 60 \times 20 (=120)$	Use the overlay Working may be seen in or by the table
		A1	for all 3 angles correctly calculated OR at least one accurately drawn angle	If three equal sectors of 120° with no working award 0 marks
		A1	fully a correct labelled pie chart	Labels as “vegetables” from table not just angle size. Accept P, C, M

Q5 Nov 2022

16	Comments	C1	<p>makes some comment about the labels</p> <p>Acceptable examples</p> <p>states what labels should be (not angles)</p> <p>labels are missing</p> <p>The label in the table does not match the label with the pie chart</p> <p>Not acceptable examples</p> <p>angles not marked on the pie chart</p>
		C1	<p>comments about the inaccuracy of the angles in the pie chart</p> <p>Acceptable examples</p> <p>pie chart is not accurate / should be 108, 126, 126</p> <p>angles drawn inaccurately</p> <p>They haven't converted the number of potatoes to angles</p> <p>Need to scale the numbers in the table</p> <p>Not acceptable examples</p> <p>pie chart is wrong/ sectors are the wrong size</p> <p>(the angles) do not add up to 360</p>