

Q1. (2017)

12	$\frac{1}{4}, \frac{4}{10}, 0.404, 44\%$ with no incorrect conversions Accept values in any correct format	B2	B1 two correct conversions to decimals or two correct conversions to percentages or two correct fractions with common denominators
	Additional Guidance		
	Condone missing percentage signs		
	0.25, 0.4, 0.404, 0.44		B2
	25%, 40%, 40.4%, 44%		B2
	25%, $\frac{2}{5}, 0.404, 44\%$ with no other working (all correct, even though in different formats)		B2
	$\frac{1}{4}, \frac{4}{10}, 0.404, 44\%$ with no working		B2
	$\frac{1}{4}, \frac{4}{10}, 0.404, 44\%$ with conversions to 25%, 40%, 40.04% (one incorrect conversion)		B1
	25%, 40%, 40.04% (two correct conversions)		B1
	44%, 0.404, $\frac{4}{10}, \frac{1}{4}$ (in reverse order) with no working for B1		B1

Q2. (2019)

17(b)	Alternative method 1		
	360 ÷ 180 or 2	M1	implied by a correct angle or implied by a correctly drawn angle in pie chart ± 2°
	Any two of 45 × their 2 or 90° 75 × their 2 or 150° 50 × their 2 or 100° 10 × their 2 or 20°	M1dep	implied by any two correctly drawn angles in pie chart ± 2°
	Pie chart with four sectors drawn, two of which are correctly drawn with angles from 90°, 150°, 100° and 20°	M1dep	± 2° lines must be ruled
	Fully correct pie chart and sectors labelled with flavours	A1	± 2° lines must be ruled

17(b) cont	Alternative method 2		
	45 ÷ 180 × 100 or 25% or 75 ÷ 180 × 100 or 41 $\frac{2}{3}$ % or 42% or 50 ÷ 180 × 100 or 27 $\frac{7}{9}$ % or 28% or 10 ÷ 180 × 100 or 5 $\frac{5}{9}$ % or 6%	M1	oe
	Any two of 45 ÷ 180 × 360 or 90° 75 ÷ 180 × 360 or 150° 50 ÷ 180 × 360 or 100° 10 ÷ 180 × 360 or 20°	M1dep	implied by any two correctly drawn angles in pie chart ± 2°
	Pie chart with four sectors drawn, two of which are correctly drawn with angles from 90°, 150°, 100° and 20°	M1dep	± 2° lines must be ruled
	Fully correct pie chart and sectors labelled with flavours	A1	± 2° lines must be ruled
	Additional Guidance		
	All four sectors must be correctly labelled with letters or words for the accuracy mark		

Q3. (2022)

Q	Answer	Mark	Comments
13	True Cannot tell	B2	B1 one correct
	Additional Guidance		
	A tick and a cross in the same row – mark the tick		
	Allow any unambiguous indication		