

Q1. (2017)

6	False	B4	B3 for 5 correct
	True		B2 for 4 correct
	True		B1 for 3 correct
	True		
	False		
Additional Guidance			
Accept any clear indication as their answer			

Q2. (2018)

9	Alternative method 1		
	$-2\frac{7}{8} + 15\frac{1}{4}$ or $15\frac{2}{8}$ or $(-2.875 + 15.25)$ or $(-)\frac{23}{8}$ and $\frac{61}{4}$	M1	oe common denominator for both fractional parts of the mixed numbers conversion of both numbers to decimals with at least one correct conversion of both numbers to improper fractions with at least one correct
	$-2\frac{7}{8} + 15\frac{2}{8}$ or $-2.875 + 15.25$ or $-\frac{23}{8} + \frac{122}{8}$	M1dep	oe common denominator correct decimals oe common denominator
	$\frac{99}{8}$ or $12\frac{3}{8}$ or 12.375	A1	oe fraction, mixed number or decimal
	Alternative method 2		
	$-2 + 15$ and $(-)\frac{7}{8} + \frac{1}{4}$	M1	
	$-2 + 15$ and $(-)\frac{7}{8} + \frac{2}{8}$ or $13 - \frac{5}{8}$	M1dep	oe common denominator
	$\frac{99}{8}$ or $12\frac{3}{8}$ or 12.375	A1	oe fraction, mixed number or decimal
	Additional Guidance		
	$15\frac{1}{4} - -2\frac{7}{8}$ scores M0, but followed by $15\frac{2}{8} + 2\frac{7}{8}$ scores M1 on Alt 1		
14	Values in 2 nd mark must be correct; no ft from incorrect conversion		
	$\frac{99}{8}$ incorrectly converted to a decimal or mixed number		M1M1A1
	$13 - \frac{5}{8}$		M1M1A0

Q3. (2023)

Q	Answer	Mark	Comments
14	12 24 30 41	B2	B1 their median = 2 × their LQ with the first eight values in order and their UQ and their last number ≥ their median or their UQ = 2.5 × their LQ with the first ten numbers in order and their last number > their UQ or their range = 2 × their interquartile range with all values in order
	Additional Guidance		
	Take the boxes to be the LQ, median, UQ and highest value in that order		
	Decimal values can score up to B1 eg 11.5 23 29 40 has median = 2 × LQ		B1
	Ignore blank boxes for B1		
	If all boxes are blank, mark the working lines		