

Q1. (2017)

24	Alternative method 1		
	(LQ =) 10 and (UQ =) 33 and answer 23	B4	B3 (LQ =) 10 and (UQ =) 33 B2 (LQ =) 10 or (UQ =) 33 B1 Any two correct frequencies from 8, 8, 12 and 20
	Alternative method 2		
	(LQ =) 10.3125 and (UQ =) 33.75 and answer 23.4375	B4	B3 (LQ =) 10.3125 and (UQ =) 33.75 B2 (LQ =) 10.3125 or (UQ =) 33.75 B1 Any two correct frequencies from 8, 8, 12 and 20
	Additional Guidance		
	Alt 2 is using $\frac{48+1}{4} = 12.25$ and $\frac{3(48+1)}{4} = 36.75$ to work out quartiles		
	Correct frequencies must be for the correct bar		
	33.75 may come from $\frac{3}{4} \times 45$		B0
	Allow B1 for two correct frequencies even if not subsequently used		B1
	Frequency of 8 seen once with no other correct frequencies counts as one correct		
	Frequency of 8 seen twice counts as two correct		B1
	$36 - 12 = 24$ or $36.75 - 12.25 = 24.5$ with < 2 correct frequencies		B0
	Answer 23 with neither quartile correct and < 2 correct frequencies		B0
	10-33 and 23		B4
	10-33		B3
	Do not allow dashes or vertical lines at 10 and/or 33 to imply correct quartiles		