Question	Answer	Mark	Comments
1	(262 rounded to) 260 or (19.8 rounded to) 20 or 26 ÷ 2	M1	
	13	A1	
	Additional Guidance		
	13 embedded eg 260 ÷ 13 = 20	M1A0	
	Beware, 13 may not get full marks eg 262 ÷ 20 = 13.1, answer 13	M1A0	
	300 ÷ 20	M1A0	

Q	Answer	Mark	Comments
2	30 or 80 or 10	M1	
	$\frac{30+80}{10}$ or $\frac{110}{10}$ or $\frac{112.62}{10}$ or 11.262	M1dep	
	11 with 30, 80 and 10 seen	A1	
	Additional Guidance		
	11 with no working	M0M0A0	

Q	Answer	Mark	Comments
3	46 500	B1	

Q	Answer	Mark	Comments
4	30	B1	
	20	B1	
	(30 and 20 and) 600	B1ft	ft their 30 × their 20 with B1B0 or B0B1 SC1 (31 x 18 =) 558, answer 560
	Additional Guidance		
	Answer 600 with no working		B1B1B1
	Answer 558 with neither 30 nor 20 seen		B0B0B0
	30 × 18 with answer 540 31 × 20 with answer 620 and answer 600 (ignore further work) 31 × 20 with answer 600		B1B0B1ft B0B1B1ft B0B1B0ft

Q	Answer	Mark	Comments
5(a)	8 or 10	M1	8 may be implied by 2^2 or 4
	8 and 10 and $\frac{1}{40}$ or 0.025	A1	8 may be implied by 2^2 or 4 accept 0.03 with $\frac{1}{40}$ or 0.025 seen
	Additional Guidance		
	Do not allow exact calculations for M1A1 eg 4.113 = 4 and 10.21 = 10 and $\frac{1}{40}$		M1A0
	$\frac{1}{40}$ or 0.025 with 8 or 10 seen (8 may be implied by 2^2 or 4)		M1A0
	$\frac{1}{40}$ or 0.025 without 8 or 10 seen (8 may be implied by 2^2 or 4)		M0A0

Q	Answer	Mark	Comments
5(b)	Valid explanation	B1	eg both numbers have been rounded down
	Additional Guidance		
	Ignore irrelevant reasons alongside a correct reason, unless contradictory		
	Ignore a calculation using exact values alongside a correct reason eg 0.025 is greater than 0.0238… and both numbers rounded down	B1	
	0.025 is greater than 0.0238…	B0	
	The denominator is smaller	B1	
	The denominator using the exact values is bigger	B1	
	(Decimals) rounded down	B1	
	Because 8.34 is more than 8 and 10.21 is more than 10	B1	
	One is divided by less (with answer more)	B1	
	Estimating rounds the numbers down which makes the denominator less	B1	
	Estimating rounds the numbers down which makes it less	B0	
	Because it rounds up	B0	
	Because she rounded each number to one significant figure	B0	
	The numbers get rounded up so more than the exact value	B0	
	Rounded up when estimating	B0	
	Removing the decimals makes the number bigger	B0	