

ERROR INTERVALS

Pearson Edexcel - Thursday 6 June 2019 - Paper 2 (Calculator) Foundation Tier

1.

25	8.3 and 8.4	B1 B1	for 8.3 in the correct position for 8.4 in the correct position	Accept 8.39 or 8.399...
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Pearson Edexcel - Wednesday 8 November 2017 - Paper 3 (Calculator) Foundation Tier

2.

23	(a)	0.625	B1	cao
	(b)	$9.75 \leq x < 9.85$	B2 [B1	$9.75 \leq x < 9.85$ for 9.75 or 9.85 (or 9.849)]

Pearson Edexcel – Specimen 2 - Paper 3 (Calculator) Foundation Tier

3.

25		$7.15 \leq x < 7.25$	B1 B1	for 7.15 and 7.25 cao
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Pearson Edexcel – Specimen 1 - Paper 3 (Calculator) Foundation Tier

4.

22		$12.5 \leq L < 13.5$	B1 12.5 B1 13.5	
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OCR – Tuesday 03 November 2020- Morning - Paper 1 (Calculator) Foundation Tier

5.

16		4.25 4.35	2	B1 for each or for correct answers reversed	
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OCR Tuesday 11 June 2019 – Morning (Calculator) Foundation Tier

6.

26	a	4.045 and 4.055	2	B1 for each or for both correct but reversed	
	b	4 cao	1		Do not accept 4.0

OCR Tuesday 12 June 2018– Morning (Calculator) Foundation Tier

7.

9		15.25 15.35	2	B1 for one correct or both correct but reversed	
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OCR Wednesday 8 November 2017– Morning (Calculator) Foundation Tier

8.

4	(a)	(i)	-12	1		
		(ii)	256	1		
	(b)		10.35 cao	1		

OCR Tuesday 13 June 2017 – Morning (Calculator) Foundation Tier

9.

13	(a)		12.65 12.75	2	B1 for one correct or both correct and reversed	For B1, correct value must be in correct place
	(b)		Accept any correctly matched pair in which wood > metal from 8.45 < wood ≤ 8.49[9...] and 8.45 ≤ metal ≤ 8.49[9...]	2	Wood > metal does not need to be stated but it must be clear which measurement refers to wood and which to metal B1 for one measurement in range 8.45 < wood ≤ 8.49[9...] seen or 8.45 ≤ metal ≤ 8.49[9...] seen	Eg "Wood 8.46 [m] but Metal 8.45 [m]" scores 2 marks Wood or 8 Metal or 8.5 For B1, measurement must be correctly associated with either wood or metal, as appropriate 8.45 seen as end of range Eg 8.45 ≤ 8.5 < 8.55 scores 1 mark

AQA Monday 8 June 2020 – Morning (Calculator) Foundation Tier

10.

Q	Answer	Mark	Comments
20(a)	17 500	B1	
	Additional Guidance		
	Accept response in words		

Q	Answer	Mark	Comments
20(b)	18 499	B1	
	Additional Guidance		
	Accept response in words		
	18 499. $\dot{9}$ or 18 49 $\dot{9}$		B0

AQA Thursday 11 June 2019 – Morning (Calculator) Foundation Tier

11.

21	8.5(0) or 9.49 or 9.5(0) or 6.25 or 6.74 or 6.75	B1	
	9.49 + 6.74 or (9, 9.5] + (6.5, 6.75]	M1	
	16.23	A1	accept (£)16.23p SC2 16.25 or 16.24
	Additional Guidance		
	9.5(0) and 6.55 with answer 16.05		B1M1A0
	9.4(0) and 6.25 with answer 15.65		B1M0A0
	9.4(0) and 6.55 with answer 15.95		B0M1A0

AQA Monday 12 November 2018 – Morning (Calculator) Foundation Tier

12.

21	109.5 in the correct position	B1	oe
	110.5 in the correct position	B1	oe Allow 110.49 answers reversed score B0B1
	Additional Guidance		
	110.4999...		B1
	110.4999		B0

AQA Thursday 24 May 2018 – Morning (Non-Calculator) Foundation Tier

13.

8	Alternative method 1		
	40 ÷ 3 or 13(.3...) or 13 r(emainder)1 or 39 ÷ 3 or 13	M1	3, 6, 9, ..., 39
	14	A1	
	Alternative method 2		
	Three integers, in any order, which add to 40	M1	eg 10 + 10 + 20 or 15, 17, 8 or 16 : 14 : 10
	14	A1	
	Additional Guidance		
	Mark the values given, ignore any reference to names for M1		
	Use the scheme that awards the better mark		
	40 ÷ 3 = 13.1 answer 14		M1A0
	13, 13, 14 on answer line (any order) with no indication 14 is chosen		M1A0
	Answer 14 with trial 12, 12, 14 seen (comes from wrong working)		M0A0
	12, 12, 16 12 + 12 + 16 = 40 12 + 12 + 16 = 38 (incorrect total)		M1 M1 M0
	Answer $\frac{14}{40}$		M1A0
14 : 40		M1A0	
14 out of 40 or 14 in 40		M1A1	

AQA Thursday 7 June 2018 – Morning (Calculator) Foundation Tier

14.

28(a)	8.35 and 8.45 in the correct order	B2	B1 8.35 on the left or 8.45 on the right or 8.45 and 8.35 in the wrong order accept $8.44\dot{9}$ for 8.45
	Additional Guidance		
	Do not accept 8.449... for $8.44\dot{9}$		

28(b)	41.75 and 42.25	B1ft	correct or ft their two different values from (a) their 8.35 must be in the range (8.3, 8.4] their 8.45 must be in the range (8.4, 8.5] correct order or ft order accept $42.24\dot{9}$ for 42.25
	Additional Guidance		
	(8.3, 8.4] does not include 8.3 but does include 8.4 (8.4, 8.5] does not include 8.4 but does include 8.5		
	Answer of 8.35 and 8.44 in part (a) leading to 41.75 and 42.2		B1ft
	Answer of 8 and 9 in part (a) leading to 40 and 45		B0ft

AQA Tuesday 13 June 2017 Morning– Morning (Calculator) Foundation Tier

15.

23(a)	5.5 in the correct position	B1	oe
	6.5 in the correct position	B1	oe
	Additional Guidance		
	5.50 or $5\frac{1}{2}$ or $\frac{11}{2}$		B1
	6.50 or $6\frac{1}{2}$ or $\frac{13}{2}$		B1

23(b)	One correctly evaluated trial using (6, 6.5] + (4, 4.5) or (6, 6.5) + (4, 4.5]	M1	eg $6.3 + 4.1 = 10.4$
	or two values in the ranges given that work if correctly evaluated		eg 6.4, 4.2
	One correctly evaluated trial using (6, 6.5) + (4, 4.5) with an answer that rounds to 11	A1	eg $6.4 + 4.2 = 10.6$ Ignore fw
	Additional Guidance		
	$6.4 + 4.4 = 10.8 (= 11)$ do not need to show 11		M1A1
	$6.4999 + 4.4999 = 10.9998$		M1A1
	$6.5 + 4.4 = 10.9$		M1A0
	$4.5 + 6.2 = 10.7$		M1A0
	$6 + 4 = 10$		M0
$6.5 + 4.5 = 11$		M0	
$6.\dot{4}9 + 4.\dot{4}9 = 11$		M0	