ADDITION AND SUBTRACTION

OCR Thursday 05 November 2020- Morning (Non-Calculator) Foundation Tier

1.

1	(a)	(i)	5	1		
1	(a)	(ii)	10	1		
1	(b)		Two of 11, 13, 17, 19	2	**B1** for one correct and one other or more than two of 11, 13, 17, 19	

OCR Thursday 07 November 2019- Morning (Non-Calculator) Foundation Tier

2.

1	(a)		103	1		
1	(b)		357	2	**M1** for any correct complete method shown	For M1 condone 1 arithmetic error

3.

2	(a)		9 or −9	1		
2	(b)		4	1		

4.

4	(a)		15 or 15000**g** clearly identified	2	**M1** for figs 18 ÷ 6 [×5] **oe**	May be implied by 3 [×5]
4	(b)		3.51 or 351p clearly identified	1		
4	(c)		[0].03 oe	1		accept trailing zeros eg 0.030…

OCR Monday 11 November 2019 – Afternoon (Calculator) Foundation Tier

5.

5			29	2	**M1** for 16 × 2 soi 32	May be 16 × 2 – 3

OCR Tuesday 21 May 2019 – Morning (Calculator) Foundation Tier

6.

25			9 16 32	6	Allow any letter providing use is consistent this method assumes Ayesha's age = *a* **B4** for $a + a + 7 + 2(a + 7) = 57$ or better OR **B1** for [*b*=] $a + 7$ oe e.g. $a = b - 7$ **B1** for $c = 2b$ oe e.g. $\frac{c}{2} = b$ or [*c*=] $2(a + 7)$ **B1** for *their'a'* + *their'b'* + *their'c'* = 57 e.g. $a + b + c = 57$ must be algebraic AND **M1FT** for correctly solving *their* linear equation in one variable e.g. $4a = 36$ and $a = 9$ AND **M1** for substituting *their a* into $b = a + 7$ and $c = 2b$ e.g. $a = 8$, $b = 15$ and $c = 30$ implied by *their* answer which must be integers See appendix for other methods Mark working first, if 0 scored then **SC2** for 2 answers correct in the correct place or **SC1** for 1 answer correct in the correct place or if 1 scored then award the better of 1 or **SC2** for 2 answers correct in the correct place to a maximum of 5 marks

OCR Thursday 6 June 2019 – Morning (Non-Calculator) Foundation Tier

7.

1	(a)	(i)	9.43	1		
		(ii)	3	1		
		(iii)	54	1		
	(b)	(i)	>	1		
		(ii)	<	1		
		(iii)	=	1		

OCR Thursday 8 November 2018 – Morning (Non-Calculator) Foundation Tier

8.

17	(a)		12	3	**M2** for $\frac{57.8 - 54.2}{0.3}$ oe or **M1** for 57.8 – 54.2 or 3.6 **seen** or for repeated subtraction of 0.3 from 57.8 or for repeated addition of 0.3 to 54.2	 Minimum of 2 repeats Minimum of 2 repeats
	(b)		Answer would be bigger oe	1		e.g. It would take more days It will take longer

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

9.

2			30	1		

OCR Wednesday 8 November 2017– Morning (Calculator) Foundation Tier

10.

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

AQA Tuesday 19 May 2020 – Morning (Non-Calculator) Foundation Tier

11.

Q	Answer	Mark	Comments
3	–7	B1	

AQA Tuesday 21 May 2019 – Morning (Non-Calculator) Foundation Tier

12.

3	6	B1	

AQA Tuesday 6 November 2018 – Morning (Non-Calculator) Foundation Tier

13.

3	0.95	B1	

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

14.

2	–7	B1	
	Additional Guidance		

AQA Thursday 2 November 2017 – Morning (Non-Calculator) Foundation Tier

15.

4	–19	B1	
	Additional Guidance		

AQA Sample Paper 1– Morning (Non-Calculator) Foundation Tier

16.

6	**Alternative method 1**		
	Orders numbers 7.6 9.6 12.4 12.6 15.4 17.4	M1	Smallest to largest or largest to smallest
	7.6 and 17.4 and 9.6 and 15.4 and 12.4 and 12.6	A1	Pairs in any order
	Alternative method 2		
	(9.6 + 12.6 + 15.4 + 7.6 + 12.4 + 17.4) ÷ 3 or 25 or (9.6 + 12.6 + 15.4 + 7.6 + 12.4 + 17.4) ÷ 6 or 12.5	M1	Implied by one correct pair
	7.6 and 17.4 and 9.6 and 15.4 and 12.4 and 12.6	A1	Pairs in any order

AQA Sample Paper 2– Morning (Calculator) Foundation Tier

17.

3	–7.4	B1	