

**ADDITION AND SUBTRACTION**

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

1.

1 (a) Work out.

(i)  $-1 + 6$

(a)(i) ..... [1]

(ii)  $7 - -3$

(ii) ..... [1]

(b) Write down two prime numbers between 10 and 20.

(b) ..... and ..... [2]

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

2.

1 Work out.

(a)  $89 + 14$

(a) ..... [1]

(b)  $17 \times 21$

(b) ..... [2]

3.

2 The table shows some temperatures, in °C.

Monday	Tuesday	Wednesday	Thursday	Friday
-5	-1	5	6	-3

(a) Find the difference between the temperatures on Thursday and Friday.

(a) ..... °C [1]

(b) On Saturday the temperature was 7 °C higher than on Friday.

Find the temperature on Saturday.

(b) ..... °C [1]

4.

4 Work out.

(a)  $\frac{5}{6}$  of 18 kg

(a) ..... kg [2]

(b) £5 – £1.49

(b) £ ..... [1]

(c)  $0.15 \div 5$

(c) ..... [1]

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

5.

- 5 Dan thinks of a number.  
He adds 3 and divides the result by 2.  
His answer is 16.

What number is Dan thinking of?

..... [2]

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

6.

- 25 Bennie is 7 years older than Ayesha.  
Chloe is twice as old as Bennie.  
The sum of their three ages is 57.

Work out the ages of Ayesha, Bennie and Chloe.

Ayesha's age is .....

Bennie's age is .....

Chloe's age is ..... [6]

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

7.

1 (a) Work out.

(i)  $£4.25 + £5.18$

(a)(i) £ ..... [1]

(ii)  $-8 + 11$

(ii) ..... [1]

(iii)  $-6 \times -9$

(iii) ..... [1]

(b) Use one of these symbols  $<$ ,  $>$  or  $=$  to make each statement true.

(i)  $4.5$  .....  $4.34$  [1]

(ii)  $\frac{3}{4}$  .....  $0.8$  [1]

(iii)  $\frac{3}{5}$  .....  $0.6$  [1]

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

**8.**

17 The depth of water in a garden pond is 57.8 cm.  
The depth decreases by 0.3 cm per day.

(a) Assume the depth continues to decrease at the same rate.

After how many days will the depth reach 54.2 cm?

(a) ..... days [3]

(b) If the depth of water decreases at a slower rate, what effect will this have on your answer to part (a)?

..... [1]

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

**9.**

2 Work out.

$$5 \times (2 + 4)$$

..... [1]

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

10.

4 (a) Fill in each missing number.

(i)  $24 - \dots\dots\dots = 36$  [1]

(ii)  $\sqrt{\dots\dots\dots} = 16$  [1]

(b) The length of a line is 10.4 cm, correct to 1 decimal place.

Write down the shortest possible length of the line.

(b)  $\dots\dots\dots$  cm [1]

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

11.

3 Work out  $-2 - 5$   
Circle your answer.

[1 mark]

$-7$                        $-3$                        $3$                        $7$

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

12.

- 3** Work out  $10 + (-4)$   
Circle your answer.

**[1 mark]**

-14                      -6                      6                      14

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

13.

- 3** Work out  $1.1 - 0.15$   
Circle your answer.

**[1 mark]**

0.95                      1.05                      0.85                      1.085

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

14.

- 2** Circle the number that is 5 **less** than  $-2$

**[1 mark]**

-10                      -7                      -3                      3

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

15.

- 4** Circle the number that is 7 less than  $-12$

**[1 mark]**

-19                      -5                      5                      19

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

16.

**6** Here are some numbers.

9.6

12.6

15.4

7.6

12.4

17.4

Write the numbers in pairs so that the **sum** of the numbers in each pair is the same.

**[2 marks]**

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Answer \_\_\_\_\_ and \_\_\_\_\_

\_\_\_\_\_ and \_\_\_\_\_

\_\_\_\_\_ and \_\_\_\_\_

AQA Sample Paper 2– Morning (Calculator) Foundation Tier

17.

**3** Which of these numbers is 6 **less** than  $-1.4$ ?

Circle your answer.

**[1 mark]**

$-8.4$

$-7.4$

$-2.0$

$4.6$