BODMAS

Pearson Edexcel - Tuesday 21 May 2019 - Paper 1 (Non-Calculator) Foundation Tier

1.

3 Work out $10 \times (3 + 5)$

.....

(Total for Question 3 is 1 mark)

Pearson Edexcel - Tuesday 6 November 2018 - Paper 1 (Non-Calculator) Foundation Tier

2.

5 (a) Work out $3 \times 5 + 7$

.....

(1)

(b) Work out 2^3

.....

(1)

(c) Write brackets ( ) in this statement to make it correct.

$$7 \times 2 + 3 = 35$$

(1)

(Total for Question 5 is 3 marks)

Pearson Edexcel - Tuesday 12 June 2018 - Paper 3 (Calculator) Foundation Tier

3.

15 Jenny is asked to find the value of $12 - 2 \times 4$

Here is her working.

$$12 - 2 \times 4 = 10 \times 4 = 40$$

Jenny's answer is wrong.

(a) Explain what Jenny has done wrong.

.....

.....

(1)

Rehan is asked to find the range of the numbers 3 1 8 7 5

Here is his working.

$$\text{Range} = 5 - 3 = 2$$

This is wrong.

(b) Explain why.

.....

.....

(1)

(Total for Question 15 is 2 marks)

Pearson Edexcel - Thursday 2 November 2017 - Paper 1 (Non-Calculator) Foundation Tier

4.

2 Work out $2 + 7 \times 10$

.....

(Total for Question 2 is 1 mark)

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

5.

1 **(a)** Here are some types of number.

An even number	An odd number	A prime number	A square number	A cube number

From the list, write down the type of number being described.

(i) A number that does **not** divide exactly by 2. ..... **[1]**

(ii) A number that has no factors except itself and 1. ..... **[1]**

(b) **(i)** Write down all the multiples of 4 between 21 and 29.

(b)(i) ..... **[1]**

(ii) Write down a common multiple of 4 and 6.

(ii) ..... **[1]**

(c) Insert brackets to make this calculation correct.

$$4 - 1 \times 2 = 6$$ **[1]**

(d) Write 7% as a fraction.

(d) ..... **[1]**

OCR Tuesday 11 June 2019 – Morning (Calculator) Foundation Tier

6.

3 Insert brackets to make each of these calculations correct.

$5 \times 3 - 1 = 10$

$3 + 6 - 2 \div 2 = 3.5$ **[2]**

OCR Thursday 7 June 2018 – Morning (Non-Calculator) Foundation Tier

7.

3 **(a)** Work out.

(i) 10^3

(a)(i) ..... **[2]**

(ii) $9(8 - 3 \times 2)$

(ii) ..... **[2]**

(b) Put brackets into this sum so that the answer is correct.

$1 + 2 \times 3 + 5 = 17$ **[1]**

OCR Monday 6 November 2017– Morning (Calculator) Foundation Tier

8.

7 **(a)** Work out.

(i) $1 + 4 \div 2$

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

(ii) $2 + 5 \times (8 - 4)$

(ii) ..... **[1]**

(b) Evaluate.

(i) 2^5

(b)(i) ..... **[1]**

(ii) $\sqrt{400}$

(ii) ..... **[1]**

(c) Estimate the value of

$$\frac{23.1 \times 3.9}{8.12}.$$

(c) ..... **[3]**

OCR Thursday 8 June 2017 – Morning (Non - Calculator) Foundation Tier

9.

8 **(a)** Evaluate.

(i) $\sqrt{121}$

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

(ii) 4^{-2}

(ii) ..... **[1]**

(b) Work out.

$(9-3\times2)^2$

(b) ..... **[2]**

(c) Fill in the power.

$5^{\square} = 125$ **[1]**

OCR Sample Question Paper 2 – Morning/Afternoon (Non - Calculator) Foundation Tier

10.

1 **(a)** Work out.

$4 \times 2 - 1$

(a) ..... **[1]**

(b) Find $\frac{1}{4}$ of 16.

(b) ..... **[1]**

OCR Sample Question Paper 3 – Morning/Afternoon (Calculator) Foundation Tier

11.

16 Leo is using these numbers to make a new number.

- He can use brackets, +, −, × and ÷ as often as he wishes.
- He cannot use any number more than once.
- He cannot use powers.
- He cannot put numbers together, e.g. he can't use 136.

What is the biggest number he can make?
Show how he can make this number.

.....

.....

.....

..... **[4]**

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

12.

7 Work out $(43 \times 8) - (234 \div 6)$

[3 marks]

Answer _____

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

13.

5 (a) Work out 364.5 + 17.9 – 2.08

[2 marks]

Answer _____

5 (b) Work out 9.36 × 2

[1 mark]

Answer _____

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

14.

13 Work out $4 + 3 \times 5 - 1$

Circle your answer.

[1 mark]

16 18 28 34

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

15.

12 (a) Work out $16.4 - 3.92 + 7.8$

[2 marks]

Answer _____

12 (b) Work out $2843.61 \div 7$

[2 marks]

Answer _____

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

16.

20 Work out $\sqrt{121} - (13 - 5 \times 2)^2$

[3 marks]

Answer _____

AQA Thursday 25 May 2017– Morning (Non-Calculator) Foundation Tier

17.

13 $2 + 0 + 1 + 7 = 10$

Make the following calculations correct.

Use only the symbols $+$, $-$, $\times$, $\div$ and $( )$

[3 marks]

$2 \quad 0 \quad 1 \quad 7 = -4$

$2 \quad 0 \quad 1 \quad 7 = 0$

$2 \quad 0 \quad 1 \quad 7 = 2^4$