PLACE VALUE

Pearson Edexcel - Tuesday 19 May 2020 - Paper 1 (Non-Calculator) Foundation Tier

1.

1 Write the following numbers in order of size.
   Start with the smallest number.

$$0.32 \qquad 0.4 \qquad 0.35 \qquad 0.309$$

(Total for Question 1 is 1 mark)

2.

5 Write down the value of the 7 in the number 8765

(Total for Question 5 is 1 mark)

3.

28 Write these numbers in order of size.
   Start with the smallest number.

$$6.72 \times 10^5 \qquad 67.2 \times 10^{-4} \qquad 672 \times 10^4 \qquad 0.000672$$

(Total for Question 28 is 2 marks)

Pearson Edexcel - Monday 8 June 2020 - Paper 3 (Calculator) Foundation Tier

4.

5 Write the following numbers in order of size.
Start with the smallest number.

$$1 \qquad -4 \qquad 0 \qquad 7 \qquad -6 \qquad -3 \qquad 2$$

....

(Total for Question 5 is 1 mark)

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

5.

8 Write the following fractions in order of size.
Start with the smallest fraction.

$$\frac{1}{3} \qquad \frac{3}{4} \qquad \frac{1}{4} \qquad \frac{7}{12} \qquad \frac{1}{2}$$

....

(Total for Question 8 is 2 marks)

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

6.

2 Write the following numbers in order of size.
Start with the smallest number.

$$-3 \qquad 4 \qquad 0 \qquad -1 \qquad 2$$

....

(Total for Question 2 is 1 mark)

7.

5 Write the number two million in figures.

....

(Total for Question 5 is 1 mark)

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

8.

1 Write the following numbers in order of size.
Start with the smallest number.

$$0.4 \qquad 0.02 \qquad 0.37 \qquad 0.152 \qquad 0.2$$

....

(Total for Question 1 is 1 mark)

9.

1 Write down the value of the 4 in the number 542.3

....

(Total for Question 1 is 1 mark)

10.

6 Here are four fractions.

$$\frac{3}{4} \qquad \frac{5}{7} \qquad \frac{19}{25} \qquad \frac{11}{15}$$

Write the fractions in order of size.
Start with the smallest fraction.

....

(Total for Question 6 is 2 marks)

Pearson Edexcel - Thursday 24 May 2018 - Paper 1 (Non-Calculator) Foundation Tier

11.

2   (a) Write the following numbers in order of size.
       Start with the smallest number.

$$-6 \qquad 6 \qquad -5 \qquad 0 \qquad 12$$

....

(1)

(b) Write the following numbers in order of size.
       Start with the smallest number.

$$0.078 \qquad 0.78 \qquad 0.87 \qquad 0.708$$

....

(1)

(Total for Question 2 is 2 marks)

Pearson Edexcel - Thursday 7 June 2018 - Paper 2 (Calculator) Foundation Tier

12.

4   Write down a 6 digit number that has 4 as its thousands digit.
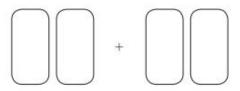   You can only use the digit 4 once.

....

(Total for Question 4 is 1 mark)

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

13.

5 Here are four digits.

<div align="center">7   3   4   9</div>

(a) Use three of these digits to write down the largest possible 3-digit number.

....

(1)

(b) Here are four different digits.

<div align="center">8   2   1   6</div>

Put one of these digits in each box to give the smallest possible answer to the sum.
You must use each digit only once.

<div align="center">☐☐ + ☐☐</div>

(1)

(Total for Question 5 is 2 marks)

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

14.

4 Here are four numbers.

<div align="center">–9   –2   2   9</div>

Write one of these numbers in each box to make a correct calculation.

<div align="center">☐ + ☐ = –7</div>

(Total for Question 4 is 1 mark)

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

15.

2 Write these temperatures in order.
Start with the lowest temperature.

$$7°C \qquad -2°C \qquad 10°C \qquad -5°C \qquad 3°C$$

....

(Total for Question 2 is 1 mark)

Pearson Edexcel – Specimen 1 - Paper 2 (Calculator) Foundation Tier

16.

1 Write down the value of the 3 in 16.35

....

(Total for Question 1 is 1 mark)

Pearson Edexcel – Specimen 1 - Paper 3 (Calculator) Foundation Tier

17.

8 Jayne writes down the following

$$3.4 \times 5.3 = 180.2$$

Without doing the exact calculation, explain why Jayne's answer cannot be correct.

....

....

(Total for Question 8 is 1 mark)

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

18.

6   Write the following in order of size, smallest first.

5.9   0.61   5.977   5.099   5.98

.... **[2]**
smallest

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

19.

6   Write the following in order of size, starting with the smallest.

0.41   0.403   0.438   0.4374

.... **[2]**
smallest

20.

2   (a) Write down.

   (i)   3091 rounded to the nearest hundred

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

   (ii) 3% as a decimal

   (ii)   .... [1]

   (iii) the cube root of 27

   (iii)   .... [1]

(b) Complete the statement below using a number from this list.

   $^-2$ 0 $^-6$ 6

   $-5 >$ .... [1]

(c) Write the following numbers in order of size, smallest first.

   0.4   0.5   0.06   0.444   0.46

   .... [2]
   smallest

Pearson Edexcel –Sample Papers - Paper 1 (Non-Calculator) Foundation Tier

21.

1 Write the following numbers in order of size.
   Start with the smallest number.

0.61	0.1	0.16	0.106

....

(Total for Question 1 is 1 mark)

Pearson Edexcel –Sample Papers - Paper 2 (Calculator) Foundation Tier

22.

1 Write down the value of the 3 in the number 4376

....

(Total for Question 1 is 1 mark)

Pearson Edexcel – Sample Papers - Paper 3 (Calculator) Foundation Tier

23.

10 Here are four numbers.

$$0.43 \qquad \frac{3}{7} \qquad 43.8\% \qquad \frac{7}{16}$$

Write these numbers in order of size.
Start with the smallest number.

....

(Total for Question 10 is 2 marks)

OCR Thursday 25 May 2017 – Morning (Calculator) Foundation Tier

24.

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

   (i) 17.6 .... 17.06   **[1]**

   (ii) 0.9 .... $\frac{45}{50}$ **[1]**

(b) Round 184 329 to the nearest hundred.

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

(c) Write $\frac{5}{8}$ as a decimal.

                                                               (c) .... **[1]**

25.

2   Write these in order, smallest first.

$$0.34 \qquad \frac{1}{3} \qquad 3.5\%$$

.... **[2]**
    smallest

26.

10 (a) Insert one of $<$, $>$ or $=$ to make each statement true.

(i) $^{-}5$ .... $^{-}7$ **[1]**

(ii) 0.09 .... 0.8   **[1]**

(iii) 6^2 12   **[1]**

(b) Work out the value of $5^2 \times 10^2$.

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

27.

2   Circle the value of the digit 5 in   256 934

[1 mark]

5000   500 000   50   50 000

28.

10 x is a 2-digit whole number.

How many digits does the number $10x$ have?
Circle your answer.

[1 mark]

cannot tell   2   3   4

29.

20 (a) a and b are whole numbers.

$$a \leqslant 12 \qquad b < 9$$

Work out the **largest** possible value of $2a + b$

[2 marks]

_____

_____

_____

Answer _____

20 (b) x and y are both **negative** numbers.

Show that $\dfrac{y}{x}$ could equal 4

[1 mark]

_____

_____

_____

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

30.

3   Circle the correct statement.

[1 mark]

$0.07 \geqslant 0.7 \qquad 0.07 = 0.7 \qquad 0.07 < 0.7 \qquad 0.07 > 0.7$

31.

3   Here is a number line.

Which number is at A?
Circle your answer.

[1 mark]

3.3   3.55   3.6   3.8

32.

26   Circle the reciprocal of 4

[1 mark]

−4   2   0.4   0.25

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

33.

5   Put these numbers in order from smallest to largest.

$$\frac{31}{40} \qquad \frac{3}{4} \qquad \frac{7}{10} \qquad 0.725$$

[2 marks]

Smallest _____

_____

_____

Largest _____

AQA Thursday 8 November 2018 – Morning (Calculator) Foundation Tier

34.

2   Circle the number **greater** than   –0.9

[1 mark]

$$-0.901 \qquad -0.89 \qquad -0.91 \qquad -\frac{9}{10}$$

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

35.

1   Circle the value of the digit 7 in   9.17

[1 mark]

$$\frac{1}{70} \qquad \frac{1}{7} \qquad \frac{7}{10} \qquad \frac{7}{100}$$

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

36.

3   Circle the value of the digit 3 in the number 17.03

[1 mark]

$$\frac{3}{10} \qquad \frac{1}{30} \qquad \frac{3}{100} \qquad \frac{1}{300}$$

AQA Thursday 8 June 2017– Morning (Calculator) Foundation Tier

37.

4   Circle the correct statement.

[1 mark]

$-4 < -3$ $1 \leqslant -2$ $-6 > 5$ $-1 \geqslant 0$

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

38.

1   Circle the lowest of these temperatures.

[1 mark]

−4.9°C   0°C   −7°C   0.1°C

AQA Sample Paper 3– Morning (Calculator) Foundation Tier

39.

20   Circle the decimal that is closest in value to $\dfrac{2}{3}$

[1 mark]

0.6   0.66   0.667   0.67