

MULTIPLICATION AND DIVISION

Pearson Edexcel - Wednesday 8 November 2017 - Paper 3 (Calculator) Higher Tier

1.

- 7 Work out $(13.8 \times 10^7) \times (5.4 \times 10^{-12})$
Give your answer as an ordinary number.

(Total for Question 7 is 2 marks)

Pearson Edexcel - Thursday 25 May 2017 - Paper 1 (Non-Calculator) Higher Tier

2.

- 3 Work out 54.6×4.3

(Total for Question 3 is 3 marks)

Pearson Edexcel - Thursday 25 May 2017 - Paper 1 (Non-Calculator) Higher Tier

3.

8 (a) Write 7.97×10^{-6} as an ordinary number.

(1)

(b) Work out the value of $(2.52 \times 10^5) \div (4 \times 10^{-3})$
Give your answer in standard form.

(2)

(Total for Question 8 is 3 marks)

Pearson Edexcel - Specimen Papers Set 2 - Paper 1 (Non-Calculator) Higher Tier

4.

6 (a) Work out $2\frac{1}{4} \times 3\frac{1}{3}$

Give your answer as a mixed number in its simplest form.

(3)

- (b) Write the numbers 3, 4, 5 and 6 in the boxes to give the greatest possible total.
You may write each number only once.

$$\begin{array}{|c|} \hline \square \\ \hline \end{array} \frac{1}{\begin{array}{|c|} \hline \square \\ \hline \end{array}} + \begin{array}{|c|} \hline \square \\ \hline \end{array} \frac{2}{\begin{array}{|c|} \hline \square \\ \hline \end{array}}$$

(1)

(Total for Question 6 is 4 marks)

1 Work out 6.34×5.2

(Total for Question 1 is 3 marks)

Pearson Edexcel - Thursday 26 May 2016 - Paper 1 (Non-Calculator) Higher Tier

6.

16 Work out the value of $(3.5 \times 10^6) \div (5 \times 10^{-3})$
Give your answer in standard form.

(Total for Question 16 is 2 marks)

Pearson Edexcel - Thursday 26 May 2016 - Paper 1 (Non-Calculator) Higher Tier

7.

18 (a) Work out $1\frac{1}{5} \times 2\frac{1}{3}$

Give your answer as a mixed number in its simplest form.

.....
(3)

(b) Work out $2\frac{7}{15} - 1\frac{2}{3}$

.....
(3)

(Total for Question 18 is 6 marks)

Pearson Edexcel - Wednesday 4 November 2015 - Paper 1 (Non-Calculator) Higher Tier

8.

2 Use the fact that

$$5.4 \times 36 = 194.4$$

to find the value of

(i) 5.4×3.6

.....

(ii) 54×360

.....

(Total for Question 2 is 2 marks)

Pearson Edexcel - Wednesday 5 November 2014 - Paper 1 (Non-Calculator) Higher Tier

9.

1 Using the information that

$$6.7 \times 52 = 348.4$$

find the value of

(i) 6.7×520

.....

(ii) 67×0.52

.....

(iii) $3484 \div 5.2$

.....

(Total for Question 1 is 3 marks)

Pearson Edexcel - Tuesday 11 June 2013 - Paper 1 (Non-Calculator) Higher Tier

10.

1 Given that $1793 \times 185 = 331\,705$

write down the value of

(a) 1.793×185

.....

(b) $331\,705 \div 1.85$

.....

(Total for Question 1 is 2 marks)

Pearson Edexcel - Thursday 28 February 2013 - Paper 1 (Non-Calculator) Higher Tier

11.

1 Work out 1.83×47

(Total for Question 1 is 3 marks)

Pearson Edexcel - Monday 11 June 2012 - Paper 1 (Non-Calculator) Higher Tier

12.

17 (a) Write down the value of 10^9

.....
(1)

(b) Write 6.7×10^{-5} as an ordinary number.

.....
(1)

(c) Work out the value of $(3 \times 10^7) \times (9 \times 10^6)$
Give your answer in standard form.

.....
(2)

.....
(Total for Question 17 is 4 marks)

Pearson Edexcel - Friday 2 March 2012 - Paper 3 (Non-Calculator) Higher Tier

13.

2. Work out an estimate for the value of $\frac{60.2 \times 0.799}{223}$
Give your answer as a decimal.

.....
(Total 3 marks)

14.

6.



There are $1\frac{1}{2}$ litres of juice in a jug.

Lisa is going to pour the juice into some glasses.
She will fill each glass with 175 ml of juice.

Work out the greatest number of glasses she can fill.

.....
(Total 4 marks)

15.

22. Expand and simplify $(2 + \sqrt{2})(3 + \sqrt{8})$

Give your answer in the form $a + b\sqrt{2}$ where a and b are integers.

.....
(Total 4 marks)

Pearson Edexcel - Tuesday 9 November 2010 - Paper 3 (Non-Calculator) Higher Tier

16.

2. (a) Simplify $p \times p \times p \times p$

.....
(1)

(b) Simplify $2c \times 3d$

.....
(1)

(Total 2 marks)

Pearson Edexcel - Monday 7 June 2010 - Paper 3 (Non-Calculator) Higher Tier

17.

10. Work out 4.52×36

.....
(Total 3 marks)

18.