

Key stage 2

Mathematics

Paper 1: arithmetic

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Date of birth	Day	1	Month	4	Year	2013
School name	St Huberts					
DfE number	000/0000					

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1

$707 - 10 =$

$$\begin{array}{r} 707 \\ - 10 \\ \hline 797 \end{array}$$

797

1 mark

2

6594

$= 6,138 + 456$

$$\begin{array}{r} 1 \\ 6138 \\ + 456 \\ \hline 6594 \end{array}$$

1 mark

3

$4 \times 702 =$

$$\begin{array}{r} 702 \\ \times 4 \\ \hline 288 \end{array}$$

288

1 mark

4

$$\boxed{12085} = 8,005 + 408$$

$$\begin{array}{r} 8005 \\ + 408 \\ \hline 12085 \end{array}$$

1 mark

5

$$2 \times 4 \times 30 =$$

$$8 \times 3 = 24$$

24

1 mark

6

$$\boxed{96} = 10 \times 96$$

$$\begin{array}{r} 96 \\ \times 10 \\ \hline 96 \\ 00 \end{array}$$

1 mark

7

$7.8 + 6.953 =$

$$\begin{array}{r} 7.8 \\ 6.953 \\ \hline 13.753 \end{array}$$

13753

1 mark

8

3854

$= 8,217 - 5,463$

$$\begin{array}{r} 8\ 2\ 1\ 7 \\ 5\ 4\ 6\ 3 \\ \hline 3\ 8\ 5\ 4 \end{array}$$

1 mark

9

$450 \div 9 =$

$$\begin{array}{r} 0\ 5\ R\ 5 \\ 9\ \overline{)4\ 5\ 0} \end{array}$$

5 r5

1 mark

10

$8 \times 65 =$

$$\begin{array}{r} 8 \\ 65 \\ \hline 40 \\ 48 \\ \hline 88 \end{array}$$

88

1 mark

11

$2,800 \div 7 =$

$$\begin{array}{r} 0100R1 \\ 7 \overline{) 2800} \end{array}$$

100

1 mark

12

$801 - \boxed{} = 795$

$$\begin{array}{r} 801 \\ 795 \\ \hline 6 \end{array}$$

1 mark

13

$2,700 \div 3 =$

90

1 mark

14

$\frac{2}{7} \times \frac{5}{9} =$

$$\begin{array}{r} \underline{2} \times \underline{5} \\ 7 \times 9 \end{array} \quad \begin{array}{r} \underline{1} \ \underline{0} \\ 5 \ 4 \end{array}$$

$\frac{2}{27}$

1 mark

15

$747 \div 9 =$

$$\begin{array}{r} 0 \ 8 \ 0 \ r \ 47 \\ 9 \overline{) 7 \ 4 \ 7} \end{array}$$

80 r47

1 mark

16

$$\frac{3}{16} + \frac{5}{8} =$$

$$\frac{3}{16} + \frac{5}{8} = \frac{8}{24}$$

$$\frac{8}{24}$$

1 mark

17

$$0.3 \div 10 =$$

$$3$$

1 mark

18

$$\frac{1}{3} + \frac{2}{6} + \frac{5}{18} =$$

$$\frac{2}{3} + \frac{2}{6} + \frac{5}{18}$$

$$\frac{2}{3} + \frac{4}{3} + \frac{30}{3} = \frac{36}{3}$$

$$12$$

1 mark



21

$$\frac{1}{8} \div 3 =$$

$$\frac{1}{8} \div 3$$

$$\frac{1}{8} \times 3$$

$$\frac{3}{24}$$

$$\frac{3}{24}$$

1 mark

22

$$1 + \frac{2}{7} + \frac{5}{7} =$$

1

$\frac{7}{7}$

1 mark

23

$$70 + 48 \div 6 =$$

$$\begin{array}{r} 70 \\ + 48 \\ \hline 118 \end{array}$$

$$\begin{array}{r} 13 \\ 6 \overline{) 118} \end{array}$$

13

1 mark



26

$$5,746 \div 5 =$$

$$\begin{array}{r} 1101 \text{ R}1 \\ 5 \overline{) 5746} \end{array}$$

1101 r1

1 mark

27

$$52\% \text{ of } 700 =$$

$$50\% = 350$$

$$1\% = 7$$

$$7 \times 2 = 14$$

364%

1 mark

30

95% of 180 =

$$10\% = 18$$

$$18 \times 9 = 72 + 90 = 162$$

$$5\% = 9$$

171

1 mark

31

$0.4 \times 37 =$

$$0.4 \times 7 = 2.8$$

$$0.4 \times 30 = 12$$

14.8

1 mark

32

$$1 - \boxed{3} = \frac{7}{10}$$

1 mark

33

$$\begin{array}{r} 172 \\ 26 \overline{) 4472} \\ \underline{26} \\ 187 \\ \underline{182} \\ 52 \\ \underline{52} \\ 00 \end{array}$$

Show your method

127

2 marks

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