1 707 + 1,818 =

1 mark

2 4,912 − 824 =

1 mark

3 8 × 33 =

1 mark

4

$$\begin{array}{r} 4781 \\ \times\ \ 23 \\ \hline \end{array}$$

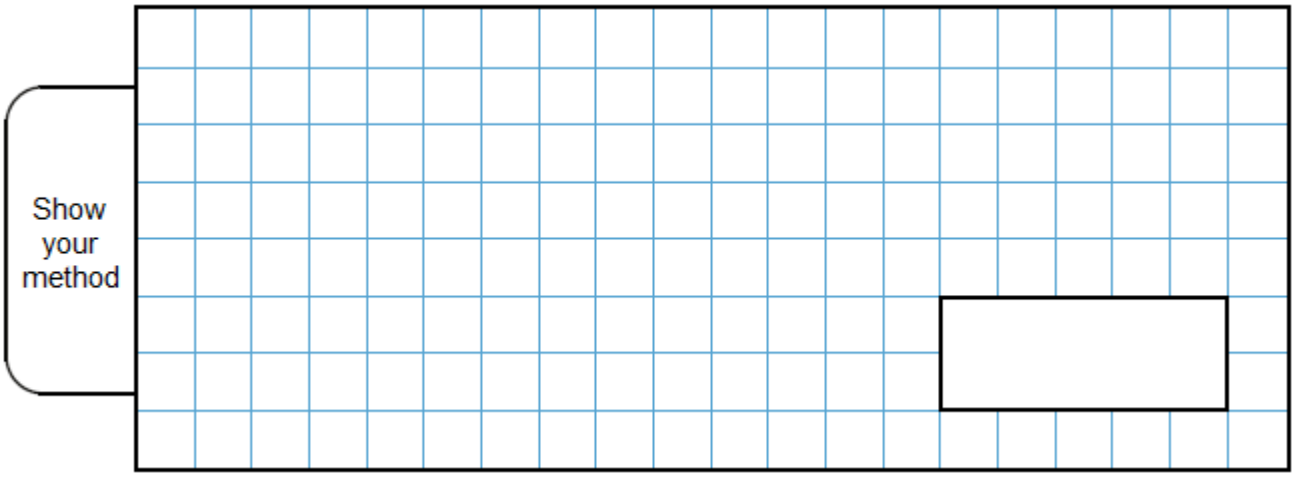
Show your method

2 marks

5 7,505 ÷ 5 =

1 mark

6 $28\overline{)1652}$



2 marks

7 0.04 ÷ 10 =

1 mark

8 2,345 × 1,000 =

1 mark

9

$\square - 100 = 1{,}059$

1 mark

10

$\square + 3{,}006 = 9{,}010$

1 mark

11

$120 - 15 \times 5 =$

1 mark

12

$4^3 =$

1 mark

13

$50 \times 70 =$

1 mark

14

$979 + 100 =$

1 mark

15 $\frac{4}{6} + \frac{3}{6} =$

1 mark

16 $2\frac{1}{3} + \frac{5}{6} =$

1 mark

17 $\frac{2}{6} - \frac{1}{8} =$

1 mark

18 $1\frac{1}{4} - \frac{1}{3} =$

1 mark

19 $\frac{4}{6} \times \frac{3}{5} =$

1 mark

20 $1\frac{1}{2} \times 57 =$

1 mark

21 $\frac{3}{5} \div 3 =$

1 mark

22 $\frac{3}{4} \div 2 =$

1 mark

23 $\frac{2}{5} \times 140 =$

1 mark

24 $\frac{6}{7}$ of $42 =$

1 mark

25 6.1 + 0.3 =

1 mark

26 1.52 × 6 =

1 mark

27 4.6 × 100 =

1 mark

28 6.7 ÷ 100 =

1 mark

29 20% of 1,800 =

1 mark

30 15% × 440 =

1 mark

31 5% of 4,200 =

1 mark

32 $34\% = \frac{\square}{100}$

1 mark

33 $30\% = \frac{\square}{20}$

1 mark

34 100 × 100 =

1 mark

35 $21\overline{)2751}$

Show your method

2 marks

Mark schemes

1 2,525

[1]

2 4,088

[1]

3 264

[1]

4 Award **TWO** marks for the correct answer of 109,963

If the answer is incorrect, award **ONE** mark for a formal method of long multiplication with no more than **ONE** arithmetical error, e.g.

- 4781
  × 23
  14343
  95620
  209963 *(error)*

OR

- 4781
  × 23
  14343
  95630 *(error)*
  109973

*Working must be carried through to reach a final answer for the award of **ONE** mark.*

***Do not** award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:*

4781
× 23
14343
9562 (place value error)
23905

Up to 2m

[2]

5 1501

[1]

6 Award **TWO** marks for the correct answer of 59.

If the answer is incorrect, award **ONE** mark for the formal method of long division, eg:

Wrong answer

```
28 | 1652
 − 140
   252
 − 252
     0
```

*Working must be carried through to reach an answer for the award of **ONE** mark.*

*In all cases accept follow-through of **ONE** error in working.*

***Do not** award any marks if the final answer is missing.*

Up to 2

[2]

7 0.004

[1]

8 2,345,000

[1]

9 1,159

[1]

10 6004

[1]

11 45

[1]

12 64

[1]

13 3,500

[1]

14 1079

[1]

15 $1\frac{1}{6}$ **OR** $\frac{7}{6}$

*Accept equivalent mixed numbers, fractions or an **exact** decimal equivalent, e.g.* $1.1\dot{6}$ *(accept any unambiguous indication of the recurring digit).*

accept any unambiguous indication of the recurring digit).

***Do not** accept rounded or truncated decimals.*

[1]

16 $3\frac{1}{6}$ **OR** $\frac{19}{6}$

*Accept equivalent mixed numbers, fractions or an **exact** decimal equivalent, e.g* $3.1\dot{6}$ *(accept any unambiguous indication of the recurring digit).*

***Do not** accept rounded or truncated decimals.*

***Do not** accept* $2\frac{7}{6}$

[1]

17 $\frac{5}{24}$

*Accept equivalent fractions or an **exact** decimal equivalent, e.g.* $\frac{10}{48}$ *or* $0.208\dot{3}$

(accept any unambiguous indication of the recurring digit).

***Do not** accept rounded or truncated decimals.*

[1]

18 $\frac{11}{12}$

*Accept equivalent fractions or the **exact** decimal equivalent e.g.*

$0.9\dot{1}\dot{6}$

accept any unambiguous indication of the recurring digit).

***Do not** accept rounded or truncated decimals.*

[1]

19 $\frac{2}{5}$

*Accept equivalent fractions or an **exact** decimal equivalent, e.g.* $\frac{12}{30}$ *or 0.4*

[1]

20 $85\frac{1}{2}$

*Accept equivalent fractions or an **exact** decimal equivalent, e.g.* $\frac{171}{2}$ *or 85.5*

[1]

21 $\frac{1}{5}$

*Accept equivalent fractions or an **exact** decimal equivalent, e.g. 0.2*

[1]

22 $\frac{3}{8}$

*Accept equivalent fractions or an **exact** decimal equivalent, e.g. 0.375.*

***Do not** accept rounded or truncated decimals.*

[1]

23 56

[1]

24 36

[1]

25 6.4

[1]

26 9.12

[1]

27 460

[1]

28 0.067

[1]

29 360

Do not *accept 360%*

[1]

30 66

Do not *accept 66%*

[1]

31 210

[1]

32 34

[1]

33 6

[1]

34 10 000

[1]

35 For 2 marks:

131

For 1 mark:

Evidence of either a long division method or short division method with only one error (carry figures must be seen in a short division method)

Up to 2

[2]