1 468 − 9 =

1 mark

2 46 + 304 =

1 mark

3 326 ÷ 1 =

1 mark

4

$$\begin{array}{r} 418 \\ \times\ 46 \\ \hline \end{array}$$

Show your method

2 marks

5 987 + 100 =

1 mark

6 4,912 − 824 =

1 mark

7 167 × 4 =

1 mark

8 72 ÷ 9 =

1 mark

9 8 × 33 =

1 mark

10 838 ÷ 1 =

1 mark

11 345 − 60 =

1 mark

12 707 + 1,818 =

1 mark

13 40 + 1,000 =

1 mark

14 5,400 ÷ 9 =

1 mark

15 270 ÷ 3 =

1 mark

16 ☐ − 10 = 298

1 mark

17 $6^2 + 10 =$

1 mark

18 $7{,}064 - 502 =$

1 mark

19 $99 \div 11 =$

1 mark

20 $\square = 6{,}000 + 90$

1 mark

21 $2 \times 45 =$

1 mark

22

$$\begin{array}{r} 3\,4\,6\,8 \\ \times\quad 6\,2 \\ \hline \end{array}$$

Show your method

2 marks

23

$$\begin{array}{r} 8\,3\,6 \\ \times\quad 2\,7 \\ \hline \end{array}$$

Show your method

2 marks

24 $3^3 =$

1 mark

25

602 − ☐ = 594

1 mark

26

☐ = 8,275 + 82

1 mark

27

☐ = 87 − 65

1 mark

28 91 ÷ 7 =

☐

1 mark

29 213 × 0 =

☐

1 mark

30

826 = 800 + ☐ + 6

1 mark

31 120 ÷ 12 =

1 mark

32 ☐ + 5 = 341

1 mark

33 180 ÷ 3 =

1 mark

34 9 × 41 =

1 mark

35

$$\begin{array}{r} 785 \\ \times\ 23 \\ \hline \end{array}$$

Show your method

2 marks

Mark schemes

1 459

[1]

2 350

[1]

3 326

[1]

4 Award **TWO** marks for the correct answer of 19,228

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

- 418
  × 46
  2508
  16720
  18228 *(error)*

OR

- 418
  × 46
  2508
  16620 *(error)*
  19128

*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:*

- *418*
  × 46
  2508
  1672 (place value error)
  4180

Up to 2m

[2]

5 1,087

[1]

6 4,088

[1]

7 668

[1]

8 8

[1]

9 264

[1]

10 838

[1]

11 285

[1]

12 2,525

[1]

13 1,040

[1]

14 600

[1]

15 90

[1]

16 308

[1]

17 46

[1]

18 6,562

[1]

19 9

[1]

20 6,090

[1]

21 90

[1]

22 Award **TWO** marks for the correct answer of 215,016

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

- 3468
  × 62
  6936
  208080
  214016 *(error)*

OR

- 3468
  × 62
  6934 *(error)*
  208080
  215014

*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:*

3468
× 62
6936
20808 (place value error)
27744

Up to 2m

[2]

23 Award **TWO** marks for the correct answer of 22,572

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

- 836
  × 27
  5852
  16720
  22602 *(error)*

OR

- 836
  × 27
  5612 *(error)*
  16720
  22332

*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:*

836
× 27
5852
1672 (place value error)
7524

Up to 2m

[2]

24 27

[1]

25 8

[1]

26 8,357

[1]

27 22

***Do not** accept −22*

[1]

28 13

[1]

29 0

[1]

30 20

[1]

31 10

[1]

32 336

[1]

33 60

[1]

34 369

[1]

35 Award **TWO** marks for the correct answer of 18,055

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

•

$$\begin{array}{r} 785 \\ \times \quad 23 \\ \hline 2355 \\ 15700 \\ \hline 18155 \end{array}$$ *(error)*

OR

•

$$\begin{array}{r} 785 \\ \times \quad 23 \\ \hline 2345 \\ 15700 \\ \hline 18045 \end{array}$$ *(error)*

*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:*

$$\begin{array}{r} 785 \\ \times \quad 23 \\ \hline 2355 \\ 1570 \\ \hline 3925 \end{array}$$ *(place value error)*

Up to 2m

[2]