

Mark schemes

Q1.

20

[1]

Q2.

2916

[1]

Q3.

369

[1]

Q4.

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.

- $$\begin{array}{r} 418 \\ \times \quad 46 \\ \hline 2508 \\ 16720 \\ \hline 18228 \text{ (error)} \end{array}$$

OR

- $$\begin{array}{r} 418 \\ \times \quad 46 \\ \hline 2508 \\ 16620 \text{ (error)} \\ \hline 19128 \end{array}$$

*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:*

- $$\begin{array}{r} 418 \\ \times \quad 46 \\ \hline 2508 \\ 1672 \text{ (place value error)} \\ \hline 4180 \end{array}$$

Up to 2m

[2]

Q5.

8

[1]

Q6.

0.555

[1]

Q7.

140

[1]

Q8.

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]

Q9.

8,072

[1]

Q10.

All three digits correct, as shown:

4	6
---	---

 <

6	2
---	---

5	6
---	---

 >

5	0
---	---

7	6
---	---

 <

7	7
---	---

[1]

Q11.

One number circled as shown:

750 72 651 69 770

Do not award the mark if additional incorrect numbers are circled

Accept alternative unambiguous indications, eg ticks, numbers crossed out or underlined.

[1]

Q12.

=
>
>
=

*Four correct for **2 marks**, or 2 correct for **1 mark***

Up to 2

[2]

Q13.

Boxes completed as shown:

52 ☐ > 17

19 ☐ < 91

50 ☐ > 34

***All three** signs must be correct for the award of the mark.*