

Mark schemes

Q1.

6,090

[1]

Q2.

326

[1]

Q3.

0

[1]

Q4.

$\frac{2}{5}$

Accept equivalent fractions or an **exact** decimal

$\frac{12}{30}$

equivalent, e.g. $\frac{12}{30}$ or 0.4

[1]

Q5.

0.009

[1]

Q6.

20

[1]

Q7.

$\frac{19}{20}$

Accept equivalent fractions or an **exact** decimal
equivalent, e.g. 0.95

[1]

Q8.

13

[1]

Q9.

$$\frac{23}{36}$$

Accept equivalent fractions or an **exact** decimal equivalent, e.g. 0.638 (accept any unambiguous indication of the recurring digits).

Do not accept rounded or truncated decimals.

[1]

Q10.

1,200

[1]

Q11.

600

Do not accept 600%

[1]

Q12.

459

Do not accept 459%

[1]

Q13.

$$\frac{3}{8}$$

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

[1]

Q14.

253.4

[1]

Q15.

4.6

[1]

Q16.

90

[1]

Q17.

81.08

[1]

Q18.

2,525

[1]

Q19.

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.

$$\begin{array}{r} \cdot \\ \times \quad 3468 \\ \quad \underline{62} \\ \quad 6936 \\ \underline{208080} \\ 214016 \text{ (error)} \end{array}$$

OR

$$\begin{array}{r} \cdot \\ \times \quad 3468 \\ \quad \underline{62} \\ \quad 6934 \text{ (error)} \\ \underline{208080} \\ 215014 \end{array}$$

*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:*

$$\begin{array}{r} 3468 \\ \times \quad \underline{62} \\ \quad 6936 \\ \underline{20808} \text{ (place value error)} \\ 27744 \end{array}$$

Up to 2m

[2]

Q20.

350

[1]

Q21.

200

[1]

Q22.

$$17\frac{1}{2}$$

OR

$$\frac{70}{4} \text{ OR } \frac{35}{2}$$

*Accept equivalent mixed numbers, fractions or an **exact** decimal equivalent, e.g. 1.75*

[1]

Q23.

$$10$$