

## Year 7 Class 2 questions

Q1

Write the number

three million nine hundred thousand

Q2

$$3 + 8 \times 2 = \boxed{\phantom{00}}$$

Q3

Eighteen hundred dollars can be written as

- \$18 100     \$18 000     \$1800

Q4

7 620 400 in words is

- seven million six hundred and twenty-four thousand
- seven million six hundred and twenty thousand four hundred
- seven million six hundred and two thousand four hundred

Q5

$$36 \div 9 + 7 \times 3 = \boxed{\phantom{00}}$$

Q6

$$12 + 24 \div 3 \times 2 = \boxed{\phantom{00}}$$

Q7

$$3 \times (8 + 16) \div 4 = \boxed{\phantom{00}}$$

Q8

$$(6 - 4 + 5) \times 8 = \boxed{\phantom{00}}$$

Q9

$$(3^2 + 2) \times 5 = \boxed{\phantom{00}}$$

Q10

$$5 \times [(4 + 3) \times 2] = \boxed{\phantom{00}}$$

Q11

$$\begin{array}{r} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \text{ r } \phantom{0} \\ 4 \overline{) 2421} \end{array}$$

Q12

$$\begin{array}{r} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \text{ r } \phantom{0} \\ 3 \overline{) 1825} \end{array}$$

Q13

$$\begin{array}{r} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ 7 \overline{) 4225} \end{array}$$

Q14

$$\begin{array}{r} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ 7 \overline{) 4941} \end{array}$$

Q15

Round off **63 849** to the nearest **hundred**.

Q16

Round off **826 501** to the nearest **thousand**.

Q17

Consider the number 84 796.

By changing the digit in the tens place to 3, the number

- increases by 30
- increases by 60
- decreases by 30
- decreases by 60

Q18

Consider the number 6 149 570.

By changing the digit in the ten-thousands place to 9, the number

- increases by 50 000
- increases by 90 000
- increases by 500 000
- increases by 900 000

Q19

Choose ALL of the number sentences which simplify to give 42.

- $6 \times (5 + 2)$
- $(12 + 1) \times 4$
- $6 \times 8 - 1$
- $6 \times (8 - 1)$

Q20

Choose ALL of the number sentences which simplify to give 30.

- $50 - 10 \times 2$
- $30 \div 10 \times 3$
- $15 + 15 \times 1$
- $12 + 6 \times 3$

Q21

$8 \div (8 - \{3 + 3\}) + 3 = \square$

Q22

$(6 \div 2 + 6 - 6) \times 2 = \square$

Q23

$4 \times [(40 + 5) \div 3^2] = \square$

Q24

$10 \times [(15 - 10) \times 2^2] = \square$

Q25

$$\begin{array}{r} \square \square \square \square r \square \\ 4 \overline{) 29 \square 614} \end{array}$$

Q26

$$\begin{array}{r} \square \square \square \square r \square \\ 9 \overline{) 37 \square 878} \end{array}$$

Q27

$$\begin{array}{r} \square \square \square \square \square \\ 2 \overline{) 12169} \end{array}$$

Q28

$$\begin{array}{r} \square \square \square \square \square \\ 7 \overline{) 30 \square 0 \square 31} \end{array}$$

Q29

When 17[X]64 is rounded to the nearest hundred, the result is 17 400.

What could the missing digit [X] be?

Q30

When 130[X]06 is rounded to the nearest thousand, the result is 130 000.

What could the missing digit [X] be?