Year 7 Class 2.1 questions

Q1

Write the number

two hundred and seventy-five thousand nine hundred and sixty

[   ]   275 960

Q2

$3 + 4 \times 2 =$ [   ]   11

Q3

Nineteen hundred dollars can be written as

➡️◉ $1900   ◯ $19 000   ◯ $19 100

Q4

15 800 000 in words is

◯ one million five hundred and eighty thousand

➡️◉ fifteen million eight hundred thousand

◯ fifteen million eighty thousand

Q5

$16 \div 8 + 3 \times 2 =$ [   ]   8

Q6

$12 + 24 \div 3 \times 2 =$ [   ]   28

Q7

$(18 - 8) - (9 - 6) =$ [   ]   7

Q8

$25 - 3 \times (2 + 6) =$ [   ]   1

Q9

$20 - 3 \times 2^2 =$ [   ]   8

Q10

$(17 - 5) \div (10 + 2) =$ [   ]   1

Q11

$$3 \overline{)1\ 3\ \square\ 0}$$ □□ r □   43 r1

Q12

$$9 \overline{)3\ 7\ \square\ 7}$$ □□ r □   41 r8

Q13

$$6 \overline{)5\ 4\ 3\ 5}$$ □□□ $\frac{\square}{\square}$ $905\frac{5}{6}$

Q14

$$7 \overline{)4\ 9\ 4\ 1}$$ □□□ $\frac{\square}{\square}$ $705\frac{6}{7}$

Q15

When 23[X]7 is rounded to the nearest ten, the result is 2310.

What could the missing digit [X] be? [   ]   0

$$\frac{38-18}{2\times 6\div 3} = \boxed{} \quad \textcolor{red}{5}$$

Q16

Round off **136 789** to the nearest **thousand**.

$\boxed{}$ 137 000

Q17

Write the odd number before 265 800.

$\boxed{}$ 265 799

Q18

Consider the number 5 289 624.

If the digit in the hundred-thousands place is changed to 8, the number

○ increases by 600

○ increases by 60 000

➡○ increases by 600 000

○ increases by 6 000 000

Q19

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

➡☐ $50 - 10 \times 2$

☐ $30 \div 10 \times 3$

➡☐ $15 + 15 \times 1$

➡☐ $12 + 6 \times 3$

Q20

Choose ALL of the number sentences which simplify to give 26.

➡☐ $26 + 5 \times 2 - 10$

☐ $13 \times (2 - 1) \times 1$

➡☐ $12 \times 2 + 2 \times 1$

☐ $13 \times (2 + 1) - 1$

Q21

Q22

$$\frac{200 - 180}{(3 + 2) \times 2} = \boxed{} \quad \textcolor{red}{2}$$

Q23

$4 \times [(40 + 5) \div 3^2] = \boxed{}$ 20

Q24

$50 - [2 \times (3 + 1)^2] = \boxed{}$ 18

Q25

$$\begin{array}{r} \square\square\square\,r\square \\ 6\overline{)3\ 5\ \square 5\square 7} \end{array} \quad \textcolor{red}{592\ r5}$$

Q26

$$\begin{array}{r} \square\square\square\,r\square \\ 7\overline{)4\ 3\ \square 6\square 9} \end{array} \quad \textcolor{red}{624\ r1}$$

Q27

$$\begin{array}{r} \square\square\square\square\frac{\square}{\square} \\ 5\overline{)2\ 5\ 4\ 2\square 3} \end{array} \quad \textcolor{red}{5084\frac{3}{5}}$$

Q28

$$\begin{array}{r} \square\square\square\square\frac{\square}{\square} \\ 8\overline{)2\ 8\square 0\ 6\ 7} \end{array} \quad \textcolor{red}{3508\frac{3}{8}}$$

Q29

When [X]65 is rounded to the nearest hundred, the result is 700.

What could the missing digit [X] be? ☐

6

Q30

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

What could the missing digit [X] be? ☐

3