This is a Class 1 exam

Lebanon Evangelical School for Boys and Girls

Lebanon Evangelical School
for Boys and Girls Loueizeh - Baabda

Stage Exam 02

08DEC2023

Do NOT write in this box. Your MARK will be placed here.

Subject :	Maths
Class :	6C
Teacher :	Nicolas Imad
Duration :	1 hour

Your name :		*Time taken to complete exam*
Your Class :		
Exam Room :		
How many sheets, including cover sheet :		

- Do not open this paper until the teacher in charge instructs you to do so.
- The most important thing to remember in taking an exam is NEVER PANIC.
- If you are caught cheating in this exam, you will be awarded zero for ALL exams that are taken on this day.

A) Simplify [4 marks]

1) 35 + 3.5 =

2) 56.78 + 0.2 =

3) 20 – 0.05 =

4) 56.78 – 2.468 =

B) Write the number as a decimal. [2 marks]

1) six thousandths.

2) twelve and two hundredths.

C) Write each number in scientific notation. [3 marks]

1) 78,450,000

2) 67

3) 345.2000

D) Simplify [3 marks]

1) 7 x 0.05 =

2) 1.9 x 6 =

3) 3.42 x 0.08 =

E) Divide. [2 marks]

1) 1.256 ÷ 4 =

2) 0.36 ÷ 0.2 =

F) Order from least to greatest. [2 marks]

1) 20.031 - 2.031 - 0.02 - 1.5 - 0

G) Solve. [4 marks]

1) $5n = 2.0$

2) $\frac{n}{0.07} = 0.4$

3) $n + 4.46 = 20.3$

4) $n - 0.033 = 0.099$

H) Solve: [5 marks]

1) Hani weighs 54.2 kg. Rami weighs 4.678 kg more than Hani. How much does Rami weigh?

2) The cost of one magazine is \$0.46. How much will 12 magazines cost?

3) Stephanie's ribbon is 4.305 m long. Write this number in words.

4) Peter manufactures 5.78×10^3 pipes a day. Write this number in standard form.

5) Nancy bought a box of chocolates for \$6.38 and paid the cashier \$10. How much change should she get?

Class 1

Solution for SE02

6C - Maths

A) 1) 38.5 (1)
2) 56.98 (1)
3) 19.95 (1)
4) 54.312 (1)

B) 1) 0.006 (1)
2) 12.02 (1)

C) 1) 7.845×10^{7} (1)
2) 6.7×10 (1)
3) 3.452×10^{2} (1)

D) 1) $7 \times 0.05 = 0.35$

$$\begin{array}{r} 0.05 \\ \times \quad 7 \\ \hline 0.35 \end{array}$$ (1)

2) $1.9 \times 6 = 11.4$

$$\begin{array}{r} 1.9 \\ \times \quad 6 \\ \hline 11.4 \end{array}$$ (1)

3) $3.42 \times 0.08 = 0.2736$

$$\begin{array}{r} 3.42 \\ \times\ 0.08 \\ \hline 0.2736 \end{array}$$

(1)

E) 1) $1.256 \div 4 = 0.314$

$$\begin{array}{r|l} & 0.314 \\ \hline 4 & 1.256 \\ -0 & \\ \hline 12 & \\ -12 & \\ \hline 05 & \\ -4 & \\ \hline 16 & \\ -16 & \\ \hline 00 & \end{array}$$

(1)

2) $0.36 \div 0.2 = 1.8$

$0.2\overrightarrow{)}\ 0.\overrightarrow{36} \longrightarrow$

$$\begin{array}{r|l} & 1.8 \\ \hline 2 & 3.6 \\ -2 & \\ \hline 16 & \\ -16 & \\ \hline 0 & \end{array}$$

(1)

F) $0 < 0.02 < 1.5 < 2.031 < 20.031$ (2)

G) 1) $5n = 2.0$

$n = 2.0 \div 5$

$n = 0.4$

$$\begin{array}{r|l} & 0.4 \\ \hline 5 & 2\,0 \\ -\,0 & \downarrow \\ \hline & 2\,0 \\ -\,2\,0 & \\ \hline & 0 \end{array}$$

(1)

2) $\frac{n}{0.07} = 0.4$

$n = 0.4 \times 0.07$

$n = 0.028$

$$\begin{array}{r} 0.07 \\ \times\ 0.4 \\ \hline 0.028 \end{array}$$

(1)

3) $n + 4.46 = 20.3$

$15.84 + 4.46 = 20.3$ (1)

$20.3 = 20.3$

$n = 15.84$

4) $n - 0.033 = 0.099$

$0.132 - 0.033 = 0.099$ (1)

$0.099 = 0.099$

$n = 0.132$

H) 1) $54.2 + 4.678 = 58.878$ kg

$$\begin{array}{r} 04.678 \\ +54.200 \\ \hline 58.878 \end{array}$$

(1)

2) $0.46 \times 12 = \$5.52$

$$\begin{array}{r} 12 \\ \times 0.46 \\ \hline {}^{7}2 \\ +\ 480 \\ \hline 5.52 \end{array}$$

(1)

3) Four and three hundred five thousandths meters (1)

4) 5780 pipes a day (1)

5) 10 - 6.38 = $3.62 (1)

$$\begin{array}{r} 10.00 \\ -\ 6.38 \\ \hline 3.62 \end{array}$$