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 :	6A, 6B and 6E
Teacher :	Mrs. Mona Abou Rjeili
Duration :	1 hour

Answer on a separate sheet of paper.

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) $7 \times 0.05 =$

2) $1.9 \times 6 =$

3) $3.42 \times 0.08 =$

E) Divide. [2 marks]

1) $1.256 \div 4 =$

2) $0.36 \div 0.2 =$

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) Problem Solving [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?

2023 - 2024

Math S.E.O.2 key

A 1)
$$\begin{array}{r} 35.0 \\ +\ 3.5 \\ \hline 38.5 \end{array}$$ (1)

2)
$$\begin{array}{r} 56.78 \\ +\ 0.20 \\ \hline 56.98 \end{array}$$ (1)

3)
$$\begin{array}{r} {}^{1}\not{2}\not{0}^{9}.{}^{9}\not{0}{}^{10}\not{0} \\ -\ 0.05 \\ \hline 19.95 \end{array}$$ (1)

4)
$$\begin{array}{r} 56.{}^{7}\not{8}{}^{10}\not{0} \\ -\ 2.468 \\ \hline 54.312 \end{array}$$ (1)

B 1) 0.006 (1)

2) 12.02 (1)

C 1) 7.845×10^{7} (1)

2) 6.7×10^{1} (1)

3) 3.452×10^{2} (1)

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

2) $1.9 \times 6 = 11.4$ (1)

3)
$$\begin{array}{r} 3.42 \\ \times\ 0.08 \\ \hline 0.2736 \end{array}$$ (1)

E 1)
$$\begin{array}{r|l} 4 & 1.256 \\ -12 & 0.314 \\ \hline 05 & \\ -4 & \\ \hline 16 & \\ -16 & \\ \hline 00 & \end{array}$$ (1)

2) $0.36 \div 0.2$ (×10 on both)

$3.6 \div 2$

$$\begin{array}{r|l} 2 & 3.6 \\ -2 & 1.8 \\ \hline 16 & \\ -16 & \\ \hline 00 & \end{array}$$ (1)

F)

1) $0 < 0.02 < 1.5 < 2.031 < 20.031$ (2)

G 1) $n = 2.0 \div 5 = 0.4$ (1)

$$\begin{array}{r|l} 5 & 2.0 \\ -20 & 0.4 \\ \hline 00 & \end{array}$$

2) $n = 0.4 \times 0.07 = 0.028$ (1)

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

3) $n = 20.3 - 4.46 = 15.84$ (1)

$$\begin{array}{r} 1\ 9\ 12\ 10 \\ 2\not{0}.\not{3}\ \not{0} \\ -\ 4.46 \\ \hline 15.84 \end{array}$$

4) $n = 0.033 + 0.099$ (1)

$n = 0.132$

$$\begin{array}{r} 0.033 \\ +\ 0.099 \\ \hline 0.132 \end{array}$$

H 1) $$\begin{array}{r} \$4.200 \\ +\ 4.678 \\ \hline \$\$8.878 \end{array}$$ (1)

Rami weighs 58.878 Kg

2) $$\begin{array}{r} \$0.46 \\ \times\ 12 \\ \hline 092 \\ +\ 460 \\ \hline \$5.52 \end{array}$$ (1)

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

4) $5.78 \times 10^3 = 5,780$ pipes a day (1)

5) $$\begin{array}{r} \$\ ^{0}\not{1}\ ^{9}\not{0}\ ^{9}\not{0}.\ ^{10}0\ 0 \\ -\ 6.38 \\ \hline \$\ 3.62 \end{array}$$ (1)