

MATH 9
1st Summative Test B
SY 2020-2021

I. Match the answers in **Column B** with the expressions in **Column A**. Type the letter of the correct answers in the box.

Column A	Column B
_____ 1.) $98 - 6 \times 12 =$	A. 26
_____ 2.) $8^2 \div 4 \times 6 - 46 =$	B. 30
_____ 3.) $3 + 16 \times 9 - 24 =$	C. 31
_____ 4.) $7 + (6 \times 5^2 + 3) =$	D. 38
_____ 5.) $43 - 10 + (57 \div 3) =$	E. 48
_____ 6.) $(36 + 12) \div 8 + 2^5 =$	F. 50
_____ 7.) $80 \div (2^3 \times 5) + 47 - 19 =$	G. 52
_____ 8.) $(15 \times 5) \div 5^2 + 465 - 78 =$	H. 123
_____ 9.) $[8 \times (13 - 8)] + [8^2 \div (2 \times 4)] =$	I. 160
_____ 10.) $5^2 + [(22 + 11) \times 2 - 6] \div 10 =$	J. 390

II. Solve the following decimals. Type your answer in the box.

1.)
$$\begin{array}{r} 62.21 \\ + 98.33 \\ \hline \end{array}$$

2.)
$$\begin{array}{r} 87.87 \\ - 24.49 \\ \hline \end{array}$$

3.)
$$\begin{array}{r} 1.6 \\ \times 7.5 \\ \hline \end{array}$$

4.)
$$34 \overline{)287.64}$$

III. Read the word problems carefully and solve them. Type your answer in the box.

There are 4 doctors working in a clinic. Each doctor has 2 nurses assisting them.
There are two receptionists, Jay and Molly, working at the reception.

1. How many people are working in the clinic?
2. On Monday, 23 patients made appointments with each doctor. However, 6 of the patients did not show up. How many patients visited the clinic on Monday?
3. On Tuesday, Jay answered 45 phone calls and Molly answered 12 more calls than Jay did. How many calls were answered in total?
4. On Wednesday, a doctor called in sick. The two nurses and Jay called 36 patients to reschedule their appointments. How many calls did they each make?
5. Among the calls they made, 13 of the patients decided to cancel their appointments and the rest decided to postpone their appointments. How many appointments were postponed?

6. If each doctor receives P500 per hour and they work in 12 hours, how much does each doctor earn in a day?