



Nakornnonwittaya 1 Wattaimuang School Nonthaburi

Subject: Math 5 Test: First Semester Exam

Name: _____ No. _____ Score: _____

Test I: Multiple choice. Incircle the letter of the correct answer

1. which is an improper fraction?

A. $\frac{1}{2}$ B. $\frac{5}{6}$ C. $\frac{3}{2}$ D. $1\frac{2}{3}$

2. Find the difference. $6\frac{1}{8} - 3\frac{4}{5} = \square$ (write your answer to its simplest form.)

A. $3\frac{13}{40}$ B. $\frac{13}{40}$ C. $2\frac{13}{40}$ D. $3\frac{27}{40}$

3. What number could be a common denominator for these two fractions? $\frac{1}{5}$ and $\frac{5}{6}$?

A. 30 B. 11 C. 6 D. 5

4. Find the sum. $\frac{3}{4} + \frac{2}{3} = \square$ (write your answer to its simplest form.)

A. $1\frac{6}{12}$ B. $1\frac{5}{12}$ C. $1\frac{7}{12}$ D. $1\frac{8}{12}$

5. Find the sum. $\frac{6}{9} + \frac{1}{2} = \square$ (Write your answer to its simplest form.)

A. $1\frac{2}{6}$ B. $\frac{21}{18}$ C. $1\frac{1}{6}$ D. $\frac{18}{21}$

6. A string was cut into 2 pieces measuring $4\frac{3}{4} m$ and $2\frac{7}{10} m$. What was the original length of the string?

A. $7\frac{9}{20} m$ B. $7\frac{10}{20} m$ C. $6\frac{9}{10} m$ D. $6\frac{2}{10} m$

7. What is the reciprocal of $\frac{7}{8}$?

A. 1 B. $\frac{14}{16}$ C. $\frac{8}{7}$ D. $\frac{7}{8}$

8. Find the value of $\frac{4}{7}$ of 21. (Write your answer to its simplest form.)

A. 15 B. 12 C. 16 D. 10

9. Multiply $3\frac{2}{3} \times 4$.

A. $12\frac{3}{4}$ B. $12\frac{2}{3}$ C. $14\frac{2}{3}$ D. $14\frac{3}{4}$

10. Multiply $\frac{8}{12} \times \frac{9}{4}$. (Write your answer on its simplest form.)

A. $1\frac{1}{4}$ B. $1\frac{2}{4}$ C. $1\frac{1}{2}$ D. $1\frac{3}{4}$

11. Divide $\frac{2}{5}$ by $\frac{3}{4}$. (Write your answer on its simplest form.)

A. $\frac{8}{15}$

B. $\frac{6}{20}$

C. $\frac{3}{10}$

D. $\frac{3}{20}$

12. Determine the volume of the figure shown below.



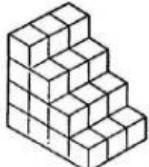
A. 9 cubic units

B. 18 cubic units

C. 27 cubic units

D. 27 cubic units

13. Determine the volume of the figure shown below.



A. 30 cubic units

B. 35 cubic units

C. 40 cubic units

D. 25 cubic units

14. Express 4,000,000 ml to m^3 .

A. $400 m^3$

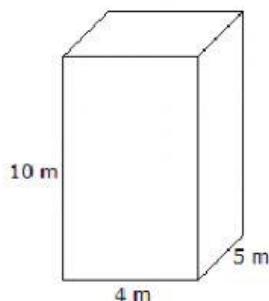
B. $4,000 m^3$

C. $4 m^3$

D. $40 m^3$

Test II: solve the following. Write your final answer in the box provided.

15. Find the volume of the container. Show your solution below.



Add:

$$\frac{3}{4} + \frac{4}{12} + \frac{2}{6} =$$

Subtract:

$$20\frac{3}{4} - 18\frac{2}{3} =$$

Multiply:

$$1\frac{5}{6} \times 2\frac{1}{4} \times \frac{6}{11} =$$

Divide:

$$4\frac{3}{4} \div 5\frac{1}{3} =$$

Mixed operation.

$$9\frac{9}{15} \div (1\frac{2}{3} + 3\frac{3}{5}) =$$

"In the middle of every difficulty lies opportunity"
God bless you!!!