

Name: _____ Student's No.: _____ Level/Class: P6/1

I. Multiple Choice. Choose the letter of your answer. (20 points)

1) _____ are real numbers which include zero and **positive integers**. It doesn't include fractional numbers and negative integers.

- a. Whole number b. Fraction c. Negative number d. Decimal

2) _____ is a whole number that **has more than 2 factors**.

- a. Prime number b. Composite number c. Mixed number d. Fraction

3) _____ is a whole number that **has only 2 factors**. 1 and itself.

- a. Prime number b. Composite number c. Mixed number d. Fraction

4) Which of the following is a **prime number**?

- a. 6 b. 10 c. 21 d. 23

5) Which of the following is a **composite number**?

- a. 29 b. 45 c. 41 d. 47

6) Which of the following is the set of **factors** of 20?

- a. 1,2,4,5,10 and 20 b. 1,2 and 20 c. 1,2,4,7 and 20 d. 1 and 20

7) Which of the following is/are the **prime factor** of 25?

- a. 2,5 b. 1,3 c. 5 d. 10

8) Which of the following is **not** the multiplication form of the number **56**?

- a. 2×28 b. 7×8 c. 4×14 d. 12×3

9) Which of the following is **not** a method in finding the **prime factors**?

- a. *short division* b. *prime factorization* c. *listing method* d. *fraction*

10) Which of the following is the **highest common factor** of 8 and 12?

- a. 2 b. 4 c. 8 d. 12

11) Which of the following is the **lowest common multiple** of 6 and 9?

- a. 18 b. 24 c. 36 d. 54

12) Which of the following is the **equivalent fraction** of $\frac{25}{50}$?

- a. $\frac{1}{5}$ b. $\frac{1}{4}$ c. $\frac{1}{2}$ d. $\frac{3}{5}$

13) Which of the following set of fractions is **from the least to the greatest**?

- a. $\frac{1}{6}$ $\frac{5}{12}$ $\frac{2}{3}$ $\frac{3}{4}$ c. $\frac{2}{3}$ $\frac{7}{15}$ $\frac{1}{3}$ $\frac{4}{15}$

- b. $\frac{5}{6}$ $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{6}$ d. $\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{8}$

14) What is the **simplest form** of $\frac{7}{49}$?

a. $\frac{1}{7}$

b. $\frac{2}{7}$

c. $\frac{2}{9}$

d. $\frac{7}{9}$

15) What is the **simplest form** of $\frac{18}{36}$?

a. $\frac{1}{8}$

b. $\frac{1}{4}$

c. $\frac{1}{2}$

d. $\frac{2}{4}$

16) **Convert 97.32** into a **fraction**.

a. $97\frac{32}{10}$

b. $97\frac{32}{100}$

c. $973\frac{2}{10}$

d. $973\frac{2}{100}$

17) **Convert $\frac{987}{1000}$** into a **decimal**.

a. 0.987

b. 9.87

c. 98.7

d. 987

18) $2,000 + 500 + 9 + 0.1 + 0.02 + 0.003$ is the expanded form of _____.

a. 2,259.103

b. 2,259.123

c. 2,509.103

d. 2,509.123

19) Find the **sum** between **325.174 and 143.425**.

a. 181.199

b. 181.704

c. 468.599

d. 468.959

20) Find the **difference** between **89.496 and 34.29**.

a. 55.206

b. 55.306

c. 123.786

d. 123.876

II. Answer the following questions. (10 points)

Direction: Fill in the blank with the correct answer.

1) Write $\frac{7}{9}$ in words. _____

2) Write **953.27** in words. _____

3) Write **1,854.671** in expanded form. _____

Direction: Simplify the given fractions and **match** it to the correct answer.

4) Find the value of $\frac{4}{27} + \frac{5}{9}$ • $5\frac{1}{3}$

5) Find the value of $4\frac{1}{6} + 1\frac{3}{18}$ • $\frac{19}{27}$

6) Find the value of $3\frac{1}{3} - 2\frac{1}{4}$ • $1\frac{1}{12}$

7) Find the value of $\frac{8}{9} \times \frac{15}{16}$ • $\frac{2}{3}$

8) Find the value of $2\frac{1}{5} \times \frac{3}{15}$ • $\frac{5}{6}$

9) Find the value of $\frac{5}{8} \div \frac{15}{16}$ • $\frac{11}{25}$

10) Find the value of $\left(1\frac{1}{2} + 1\frac{1}{2}\right) \div \left(\frac{3}{4} - \frac{1}{8}\right)$ • $4\frac{4}{5}$