

INTERNATIONAL INDIAN SCHOOL, DAMMAM
CLASS: IV MATHEMATICS WORKSHEET 2017-2018

UNIT-6 MULTIPLIES AND FACTORS

I. Fill in the blanks:

- 1) Multiple is a number that is the _____ of two given numbers.
- 2) $8 \times 5 = 40$, So 40 is a multiple of _____ and _____.
- 3) The sixth multiple of 9 is _____.
- 4) Every number is a multiple of _____.
- 5) The greatest factor of the number is _____.
- 6) _____ is a factor of every number.
- 7) When the number is divided by its factor there is no _____ left.
- 8) Numbers having more than two factors are called _____.
- 9) The smallest factor of every number is _____.
- 10) _____ is neither prime nor composite number.
- 11) _____ is the lowest odd composite number.
- 12) The lowest even prime number is _____.

II. Circle the Correct Answers:

- 1) The numbers which have 84 as a multiple.
a. 5 b. 7 c. 9 d. 12
- 2) The numbers which have 9 as a factor.
a. 25 b. 3 c. 45 d. 27
- 3) Divisible by 4.
a. 36449 b. 484500 c. 85784 d. 166
- 4) The factors of 49.
a. 1 b. 3 c. 9 d. 7

III. Write True or False:

- 1) The number of factors of a number is limited. _____
- 2) '8' is the first multiple of 4. _____
- 3) Any number is a multiple of itself. _____
- 4) '37' is a prime number. _____
- 5) HCF is the highest number which divides two or more numbers exactly. _____
- 6) All even numbers are composite. _____
- 7) 4×9 is a multiple of 4. _____

IV. Express as the product of three factors:

- a) $60 =$ _____ b) $12 =$ _____
c) $100 =$ _____ d) $264 =$ _____

V. Write the following:

- a) The first four multiples of 8. _____
b) Second common multiple of 5 and 10. _____
c) All the consecutive even numbers between 37 and 51. _____
d) All the prime numbers between 20 and 50. _____

VI. Find

1. The LCM of a) 9 and 12 b) 7 and 3
2. The fifth common multiple of 15 and 20.

VII. Determine HCF by finding factors:

- a) 10 and 30 b) 27 and 36

VIII. Express the following as the product of prime factors using the factor tree method:

- a) 36 b) 64 c) 84

L-7 FRACTION

I. Fill in the blanks :-

1. _____ is a part of a whole.
2. Fractions having same values are called _____ fractions..
3. $13 + \frac{1}{8} =$ _____
4. _____ + $\frac{7}{20} = \frac{7}{20}$
5. Two halves make a _____.
6. _____ fractions can be written has mixed number .

II Choose the correct answer :_

1. _____ express the value of the fractional number .
a) Denominator b) Numerator c) Mixed fraction d) Unit fraction
2. Write the fraction with $D=9$, $N=7$.
a) $\frac{7}{9}$ b) $7\frac{7}{9}$ c) $9\frac{1}{7}$ d) $\frac{9}{7}$
3. Ammu ate 2 toffees out of 5 toffees , _____ fraction of toffees did she eat.
a) $\frac{5}{2}$ b) $\frac{2}{5}$ c) $\frac{3}{5}$ d) $\frac{5}{3}$

4. $\frac{1}{4}$ and $\frac{3}{4}$ are _____ fractions

- a) Unlike b) Like c) Mixed d) Proper

III. Match the following

- a) Proper Fraction $\frac{7}{3}, \frac{5}{2}$
b) Mixed Fraction $\frac{1}{20}$
c) Improper fraction $\frac{3}{5}, \frac{2}{15}$
d) Unit Fraction $2\frac{4}{6}, 1\frac{7}{20}$

IV. Write True or False

1. In a fraction the number written above the horizontal line is called numerator.
2. $\frac{5}{10}$ is the lowest term.
3. The addition of 0 and a fraction is always zero.
4. A fraction does not change when 0 is subtracted from the fraction.
5. $\frac{13}{5} - \frac{3}{5} = 0$.

V. Write the next five equivalent fraction

- a) $\frac{2}{9}$ b) $\frac{6}{12}$ c) $\frac{1}{10}$

VI. Are these fractions are equivalent

- 1) $\frac{14}{63}, \frac{2}{9}$ 2) $\frac{6}{9}, \frac{54}{80}$ 3) $\frac{3}{8}, \frac{18}{48}$

VII. Fill in the blanks to make the fractions equivalent

- 1) $\frac{\quad}{5} = \frac{12}{30}$ 2) $\frac{7}{15} = \frac{63}{\quad}$ 3) $\frac{8}{\quad} = \frac{24}{39}$ 4) $\frac{11}{\quad} = \frac{77}{105}$

VIII. Change the improper fraction into mixed number

- a) $\frac{28}{9} =$ b) $\frac{36}{5} =$ c) $\frac{88}{7} =$

IX. Change the mixed numbers into improper fractions

- a) $3\frac{2}{8} =$ b) $4\frac{1}{9} =$ c) $7\frac{5}{12} =$

X. Reduce to the lowest term

- 1) $\frac{12}{20}$ 2) $\frac{15}{75}$ 3) $\frac{14}{21}$ 4) $\frac{24}{32}$

XI. Put the correct Symbol [$>$, $<$, or $=$] in the following

- a) $\frac{3}{7}$ $\frac{3}{5}$ b) $\frac{7}{8}$ $\frac{7}{13}$ c) $3\frac{2}{8}$ $\frac{5}{8}$ d) $4\frac{2}{9}$ $1\frac{3}{9}$

XII Arrange the following fractions in ascending order :-

a) $\frac{1}{9}$, $\frac{1}{6}$, $\frac{1}{3}$, $\frac{1}{12}$

b) $\frac{4}{5}$, $\frac{4}{10}$, $\frac{4}{15}$, $\frac{4}{18}$

c) $\frac{2}{17}$, $\frac{8}{17}$, $\frac{3}{17}$, $\frac{9}{17}$

XIII Arrange the following fraction in descending order :-

a) $\frac{2}{10}$, $\frac{5}{10}$, $\frac{10}{10}$, $\frac{1}{10}$

b) $\frac{7}{8}$, $\frac{7}{11}$, $\frac{7}{13}$, $\frac{7}{13}$

c) $\frac{5}{23}$, $\frac{20}{23}$, $\frac{12}{23}$, $\frac{9}{23}$

XIV Find the sum

1) $\frac{2}{11} + \frac{5}{11} + \frac{3}{11}$ 2) $3\frac{2}{6} + \frac{5}{6} + 6\frac{2}{6}$ 3) $2\frac{6}{15} + \frac{3}{15} + \frac{10}{15}$

XV Subtract

1) $\frac{7}{9} - \frac{4}{9}$ 2) $\frac{7}{13} - \frac{3}{13}$ 3) $2\frac{3}{6} - 1\frac{2}{6}$

XVI Subtract the following

1) $\frac{2}{5}$ from $\frac{4}{5}$ 2) $\frac{10}{36}$ from $2\frac{3}{36}$ 3) $2\frac{3}{9}$ from $10\frac{1}{9}$

DECIMALS

I. Fill in the blanks

1. The point separating the whole number from the decimal number is called the-----point.
2. One part of 100 equal part is -----
3. Decimals having equal number of decimal places are called -----
4. In 48 .015 → 5 is in ----- place and its place value is -----
5. $5 + \frac{2}{10} + \frac{4}{100} =$.-----
6. $\frac{19}{100} =$ -----
7. 8 ones and 4 tenths = .-----
8. 4 ones + 0 tenths + 8 hundredths = .-----
9. $0.4 + 0.1 =$.-----
10. $4\frac{1}{10} =$.-----

II. Choose the Correct answer

1. 7 Ones + 4 tenths + 8 hundredths =.-----
a) 74 .8 (b) 748 (c) 7.48 (d) 0.748
2. 62 and 4 tenth=. -----
(a) 6240 (b) 62.4 (c) 62.04 (d) 6.24
3. Place Value of 84. 6 3=.-----
(a) 6 ones (b) 6 tens (c) 6 hundredths (d) 6 tenths
4. 127 thousandths = -----
(a)1.27 (b) 0.127 (c) 127 (d) 12.7

III. Expand the Following

- a) 0.38 = _____
- b) 8.329 = _____
- c) 35.047 = _____

IV. Arrange in ascending order

- a) 1.71 , 2.82 , 3.5 , 17.2 , 1.078

- b) 8.89 , 2.02 , 4.26 , 1.34 , 6.87

V. Arrange in descending order

- a) 4.8 , 4.08 , 4.79 , 4.83 , 4.38

- b) 15.8 , 15.97 , 16.69 , 16.96 , 16.51

VI. Find the Sum

- a) 5.79 + 4.81 b) 94.72 + 34.84 c) 483.725 + 27.065

VII. Subtract

- a) 2.8 – 0.9 b)6.5 – 4.8 c) 239.38 – 58.94