

FORMATIVE ASSESSMENT – THIRD MID TERM

MATHEMATICS

Max. Marks: 50

Std - VI

Time: 2 Hrs

Name of the School: 	Name of the Student:
Place: 	Roll No.:

I. Fill in the blanks: 5 × 1 = 5

1. A _____ is a part of a whole number.

2. Fractions with the same denominator are called _____.

3. Fractions that can be reduced to the same lowest form are called _____.

4. 43.6 is read as _____.

5. The point about which the figure is rotated is called the _____ of rotational symmetry.

II. Choose the correct answer: 5 × 1 = 5

6. In a fraction if the numerator is less than the denominator, then the fraction is called _____.

a) improper fraction b) proper fraction c) mixed fraction
7. Fraction with different denominators are called _____.

a) like fraction b) unlike fraction c) equivalent fraction
8. How many lines of summetry are there in a rectangle?

a) 1 b) 2 c) 3 d) 4
9. The order of rotational symmetry of a circle is _____.

a) 1 b) 4 c) 2 d) infinite
10. The third place value is $\frac{1}{1000}$ called _____.

a) tenths b) hundredths c) thousandths

III. Match the following: 5 × 1 = 5

11. Mixed fraction

-

90°
12. Improper fraction

-

0.5
13. $\frac{1}{2}$

-

$3\frac{2}{5}$
14. Acute angle

-

$\frac{7}{2}$
15. Right angle

-

60°

IV. True or False:

$5 \times 1 = 5$

16. A line segment has three end points.
17. An angle has one vertex.
18. The compass is used to draw circles and arcs.
19. 48.125 is read as forty-eight point one two five.
20. 0 is the end of decimal part will not alter the number.

V. Answer the following (any 5):

$5 \times 2 = 10$

21. Give a pictorial representation of the following fractions by shading.

a) $\frac{2}{4}$

b) $\frac{7}{10}$

22. Reduce the fraction into the simplest form: $\frac{90}{315}$.

23. Find the sum $\frac{2}{9} + \frac{5}{9}$.

24. Find the sum $3\frac{1}{6} + 4\frac{7}{12}$

25. Draw a triangle for each of the following.

a) A triangle having no line of symmetry.

b) A triangle having one line of symmetry.

26. Express 12.098 as fractions and decimal expansion.

27. Simplify $48.93 + 10.18 - 13.75$.

VI. Answer the following (any 3):

$3 \times 5 = 15$

28. Arrange the following fraction in descending order $\frac{3}{8}$, $\frac{7}{12}$ and $\frac{3}{16}$.

29. Reduce the fraction $\frac{54}{81}$ to its lowest form.

30. Change the following mixed fractions into improper fraction.

a) $3\frac{3}{8}$

b) $2\frac{2}{6}$

31. Write down the alphabets and find out how many of them have reflection symmetry. Also state how many lines of symmetry does each alphabet have?

VII. Practical Geometry:

$1 \times 5 = 5$

32. Draw a straight line segment AB of length 9 cm. Mark a point C on AB such that AC = 4 cm construct ray CD perpendicular to AB at C using.

a) a ruler and protractor

b) A ruler and compass