

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: **$5 \times 1 = 5$**

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: **$5 \times 1 = 5$**

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 symmetry 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: **$5 \times 1 = 5$**

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