

Class: VIII Formative Assessment - I

Sub: MATHEMATICS

marks: 25

I. Solve the following problems.

3 x 4 = 12

1. Divide the sum of $-13/5$ and $12/7$ by the product of $-13/7$ and $-1/2$.
2. Find the area of a rectangular park which is $18\frac{3}{5}$ m long and $8\frac{2}{3}$ m broad.
3. Find a rational number between $2/3$ and $3/4$.
4. Verify $(5/4 + -1/2) + -3/2 = 5/4 + (-1/2 + -3/2)$.

II. Answer the following questions.

3x 2 = 6

5. Subtract $3/4$ from $1/3$.
6. Multiply $2/11$ by the reciprocal of $-5/14$.
7. Represent $-2/13$, $5/13$, $-9/13$ on the number line.
8. Express $0.5\overline{7}$ in the rational form.

III. Fill in the blanks.

4 x 1/2 = 2

1. The additive inverse of $(-4/5)$ is _____
2. Reciprocal of $3/4$ is _____
3. $1 \times$ _____ = $9/11$.
4. $8 + 0 =$ _____