



NEW MIDDLE EAST INTERNATIONAL SCHOOL

ACADEMIC YEAR 2020 – 2021

Name:	Class : VI	Term : I
Subject : Mathematics	Worksheet: 3	Date :

FRACTIONS

I. Fill in the blanks:

1. A fraction with numerator 1 is called a _____ fraction.
2. The fraction of prime numbers from 1 to 30 is _____.
3. The equivalent fraction of $\frac{4}{8}$ is _____
4. The simplest form of $\frac{18}{21}$ is _____
5. $\frac{1}{7}$ of 49 kg is _____
6. Mixed fraction of $\frac{25}{11}$ is _____
7. Two fractions $\frac{a}{b}$ and $\frac{c}{d}$ are equivalent if _____
8. $2\frac{1}{5}$ is a _____ fraction.
9. A fraction equivalent to $\frac{7}{13}$ is _____
10. The fraction with numerator 7 and denominator 11 is written as _____

II. Do as directed:

1. Draw a number line and locate $3\frac{3}{4}$ on it.
2. Compare the fractions and put proper sign.

(a) $\frac{7}{6}$ ☐ $\frac{13}{15}$

(b) $\frac{5}{12}$ ☐ $\frac{7}{6}$

3. Replace \square in each of the following by number.

$$(a) \frac{3}{16} = \frac{\square}{112} \quad (b) \frac{12}{28} = \frac{\square}{7}$$

4. Solve the following:

$$i) 6 \times \frac{5}{36} \quad ii) \frac{9}{17} \times \frac{85}{108} \quad iii) \frac{5}{12} \text{ of } 144.$$

$$iv) \frac{6}{11} \div \frac{12}{121} \quad v) 18 \div \frac{72}{100} \quad vi) 2\frac{5}{7} + 12\frac{1}{2} + 8\frac{1}{4}$$

5. Tarun earns Rs. 60,000 per month. He spends $\frac{5}{12}$ of it and saves the rest. How much does he save every month?

6. There are 30 students in a class. $\frac{4}{5}$ of them have taken Hindi as an additional subject. How many students have not taken Hindi as additional subject?

7. Tina got 18 marks out of 25 marks in History and 14 marks out of 20 marks in Science. In which subject did she performed better?