

**Class: 4**

**Subject : Mathematics**

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**Revision sheet**

**Fraction**

**Short question**

1. What is fraction?
2. What do you mean by proper fraction?
3. What do you mean by improper fraction?
4. Write down some proper fraction example?
5. Write down some improper fraction example?
6. Fill in the blanks:

•  $\frac{2}{7}$  is a ----- fraction.

•  $\frac{6}{4}$  is a ----- fraction.

•  $\frac{a}{b}$  is where “a” is a-----.

•  $\frac{p}{q}$  is where “q” is a-----.

7. Put the symbols “<”, “>” or “=”

▪  $\frac{4}{13}$        $\frac{4}{7}$

▪  $\frac{3}{5}$        $\frac{3}{10}$

▪  $\frac{1}{2}$        $\frac{3}{2}$

▪  $\frac{5}{7}$        $\frac{4}{7}$

▪  $\frac{7}{9}$       1

▪  $\frac{2}{3}$        $\frac{2}{3}$

**8. Do Addition**

(1)  $\frac{1}{3} + \frac{1}{3}$  (2)  $\frac{3}{10} + \frac{7}{10}$  (3)  $\frac{1}{4} + \frac{2}{5}$  (4)  $\frac{3}{8} + \frac{1}{24}$  (5)  $\frac{2}{5} + \frac{3}{7}$  (6)  $\frac{1}{6} + \frac{2}{15}$

**9. Do subtraction**

(1)  $\frac{2}{3} - \frac{1}{3}$  (2)  $\frac{7}{9} - \frac{5}{9}$  (3)  $1 - \frac{2}{3}$  (4)  $\frac{3}{8} - \frac{1}{4}$  (5)  $\frac{1}{3} - \frac{1}{6}$  (6)  $\frac{7}{12} - \frac{1}{4}$

**10. Do Calculation**

(1)  $\frac{1}{6} + \frac{1}{3} + \frac{1}{4}$  (2)  $\frac{1}{6} + \frac{1}{3} + \frac{2}{9}$  (3)  $\frac{1}{2} - \frac{1}{3} - \frac{1}{9}$

**11. Make three equivalent fractions freely**

(1)  $\frac{2}{5}$  (2)  $\frac{2}{3}$  (3)  $\frac{1}{3}$

**12. Convert into fractions with common denominators:**

(1)  $\left[\frac{1}{3}, \frac{1}{4}\right]$  (2)  $\left[\frac{2}{3}, \frac{1}{2}\right]$  (3)  $\left[\frac{1}{3}, \frac{1}{4}, \frac{1}{2}\right]$

**13. Word problem**

a) Mr. Afjal bought  $\frac{1}{2}$  portion of rice,  $\frac{3}{10}$  portion of vegetables and  $\frac{1}{10}$  portion of fruits of his money. How much money he spent in total?

b) Anika and Ayra divided a bread between themselves. Anika got  $\frac{1}{3}$  part of bread and Ayra got  $\frac{4}{3}$  part of bread. How many part of bread in total they got?

c) If  $\frac{2}{5}$  metre ribbon is cut from a  $\frac{13}{25}$  metre long ribbon. How many metre of ribbon remain?

d) There are two fractions of  $\frac{5}{9}$  and  $\frac{2}{9}$ . What is the difference of two fractions?

**14. Creative questions:**

**Q 1.** Sabuj's house is  $\frac{3}{8}$  km to the west of the school. Mitu's house is  $\frac{5}{12}$  km to the east of her house.

- (1) How many km is it from Sabuj's house to Mitu's house?
- (2) Whose house is nearer to school?
- (3) And how many km is the difference?

**Q 2.** A farmer planted brinjal in  $\frac{1}{2}$  part, cabbage in  $\frac{1}{4}$  part and flowers in  $\frac{1}{5}$  part of his garden.

- (1) How much part of garden did he plant?
- (2) How much part of the garden remained blank?