



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700019



CLASS – III TERM – 2<sup>ND</sup> ARITHMETIC ANSWER: WORKSHEET – 7 DATE – 11.05.2020

## FRACTIONS

I. Arrange the following fractions in ascending order.

1)  $\frac{76}{90}$     $\frac{23}{90}$     $\frac{42}{90}$     $\frac{52}{90}$     $\frac{14}{90}$

Answer:  $\frac{14}{90}$     $\frac{23}{90}$     $\frac{42}{90}$     $\frac{52}{90}$     $\frac{76}{90}$

2)  $\frac{36}{65}$     $\frac{24}{65}$     $\frac{51}{65}$     $\frac{12}{65}$     $\frac{7}{65}$

Answer:  $\frac{7}{65}$     $\frac{12}{65}$     $\frac{24}{65}$     $\frac{36}{65}$     $\frac{51}{65}$

3)  $\frac{10}{82}$     $\frac{30}{82}$     $\frac{21}{82}$     $\frac{45}{82}$     $\frac{64}{82}$

Answer:  $\frac{10}{82}$     $\frac{21}{82}$     $\frac{30}{82}$     $\frac{45}{82}$     $\frac{64}{82}$

II. Arrange the following fractions in descending order.

1)  $\frac{42}{75}$     $\frac{12}{75}$     $\frac{56}{75}$     $\frac{64}{75}$     $\frac{32}{75}$

Answer:  $\frac{64}{75}$     $\frac{56}{75}$     $\frac{42}{75}$     $\frac{32}{75}$     $\frac{12}{75}$

2)  $\frac{4}{33}$     $\frac{12}{33}$     $\frac{16}{33}$     $\frac{28}{33}$     $\frac{14}{33}$

Answer:  $\frac{28}{33}$     $\frac{16}{33}$     $\frac{14}{33}$     $\frac{12}{33}$     $\frac{4}{33}$

$$3) \quad \frac{20}{47} \quad \frac{32}{47} \quad \frac{23}{47} \quad \frac{12}{47} \quad \frac{2}{47}$$

$$\text{Answer: } \frac{32}{47} \quad \frac{23}{47} \quad \frac{20}{47} \quad \frac{12}{47} \quad \frac{2}{47}$$

**III. Add. (Follow the example to add the following fractions.)**

$$\text{Example: } \frac{12}{24} + \frac{11}{24} = \frac{12 + 11}{24} = \frac{23}{24}$$

$$1) \quad \frac{15}{28} + \frac{12}{28} = \frac{15 + 12}{28} = \frac{27}{28}$$

$$2) \quad \frac{30}{43} + \frac{7}{43} = \frac{30 + 7}{43} = \frac{37}{43}$$

$$3) \quad \frac{18}{53} + \frac{20}{53} = \frac{18 + 20}{53} = \frac{38}{53}$$

$$4) \quad \frac{11}{25} + \frac{8}{25} = \frac{11 + 8}{25} = \frac{19}{25}$$

$$5) \quad \frac{62}{80} + \frac{10}{80} = \frac{62 + 10}{80} = \frac{72}{80}$$

**IV. Subtract. (Follow the example to subtract the following fractions.)**

$$\text{Example: } \frac{42}{44} - \frac{12}{44} = \frac{42 - 12}{44} = \frac{30}{44}$$

$$1) \quad \frac{22}{24} \quad -- \quad \frac{18}{24} = \frac{22 \quad -- \quad 18}{24} = \frac{4}{24}$$

$$2) \quad \frac{38}{72} \quad -- \quad \frac{27}{72} = \frac{38 \quad -- \quad 27}{72} = \frac{11}{72}$$

$$3) \quad \frac{66}{74} \quad -- \quad \frac{55}{74} = \frac{66 \quad -- \quad 55}{74} = \frac{11}{74}$$

$$4) \quad \frac{26}{45} \quad -- \quad \frac{20}{45} = \frac{26 \quad -- \quad 20}{45} = \frac{6}{45}$$

$$5) \quad \frac{84}{97} \quad -- \quad \frac{82}{97} = \frac{84 \quad -- \quad 82}{97} = \frac{2}{97}$$

**V. Write '+' or '-' in the boxes.**

$$1) \quad \frac{67}{87} \quad + \quad \frac{12}{87} = \frac{79}{87}$$

$$2) \quad \frac{84}{98} \quad -- \quad \frac{44}{98} = \frac{40}{98}$$

**VI. Word Problems**

1) There are 55 children in a class. Out of them 25 participated in a fancy dress show?  
What fraction of children did not take part?

Total number of children.....= 55

Number of children participated.....= 25

Number of children those who did not participate.....= 55 -- 25 = 30

So, the fraction of children those who did not participate.....=  $\frac{30}{55}$

Answer: The fraction of children those who did not participate is  $\frac{30}{55}$ .

2) Out of 72 apples in a basket, 11 were rotten. What is the fraction that was rotten and what fraction of apples was not rotten?

Total number of apples.....= 72

Number of apples rotten.....= 11

Fraction of rotten apples.....=  $\frac{11}{72}$

Number of good apples.....=  $72 - 11 = 61$

So, the fraction of good apples.....=  $\frac{61}{72}$

Answer: The fraction of rotten apples is  $\frac{11}{72}$  and the fraction of good apples is  $\frac{61}{72}$ .

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Monjita Biswas