



# 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 – 8 DATE – 12.05.2020

## FRACTIONS

I. Arrange the following fractions in ascending order.

1)  $\frac{16}{19}$        $\frac{11}{19}$        $\frac{17}{19}$        $\frac{9}{19}$        $\frac{2}{19}$

Answer:  $\frac{2}{19}$        $\frac{9}{19}$        $\frac{11}{19}$        $\frac{16}{19}$        $\frac{17}{19}$

2)  $\frac{22}{95}$        $\frac{34}{95}$        $\frac{21}{95}$        $\frac{63}{95}$        $\frac{78}{95}$

Answer:  $\frac{21}{95}$        $\frac{22}{95}$        $\frac{34}{95}$        $\frac{63}{95}$        $\frac{78}{95}$

3)  $\frac{41}{45}$        $\frac{28}{45}$        $\frac{19}{45}$        $\frac{12}{45}$        $\frac{5}{45}$

Answer:  $\frac{5}{45}$        $\frac{12}{45}$        $\frac{19}{45}$        $\frac{28}{45}$        $\frac{41}{45}$

II. Arrange the following fractions in descending order.

1)  $\frac{62}{78}$        $\frac{21}{78}$        $\frac{43}{78}$        $\frac{27}{78}$        $\frac{35}{78}$

Answer:  $\frac{62}{78}$        $\frac{43}{78}$        $\frac{35}{78}$        $\frac{27}{78}$        $\frac{21}{78}$

2)  $\frac{64}{86}$        $\frac{38}{86}$        $\frac{44}{86}$        $\frac{32}{86}$        $\frac{14}{86}$

Answer:  $\frac{64}{86}$        $\frac{44}{86}$        $\frac{38}{86}$        $\frac{32}{86}$        $\frac{14}{86}$

3)  $\frac{27}{59}$        $\frac{21}{59}$        $\frac{20}{59}$        $\frac{53}{59}$        $\frac{49}{59}$

Answer:  $\frac{53}{59}$        $\frac{49}{59}$        $\frac{27}{59}$        $\frac{21}{59}$        $\frac{20}{59}$

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

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

1)  $\frac{46}{72} + \frac{13}{72} = \frac{46 + 13}{72} = \frac{59}{72}$

2)  $\frac{14}{67} + \frac{16}{67} = \frac{14 + 16}{67} = \frac{30}{67}$

3)  $\frac{11}{50} + \frac{21}{50} = \frac{11 + 21}{50} = \frac{32}{50}$

4)  $\frac{10}{72} + \frac{17}{72} = \frac{10 + 17}{72} = \frac{27}{72}$

5)  $\frac{41}{87} + \frac{12}{87} = \frac{41 + 12}{87} = \frac{53}{87}$

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

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

1)  $\frac{40}{42} - \frac{20}{42} = \frac{40 - 20}{42} = \frac{20}{42}$

$$2) \quad \frac{11}{12} - \frac{9}{12} = \frac{11 - 9}{12} = \frac{2}{12}$$

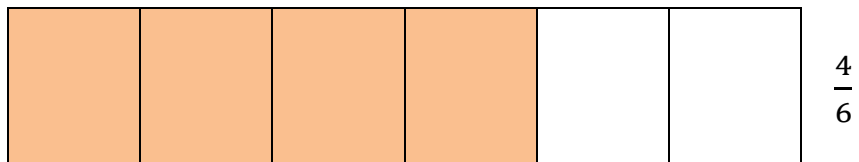
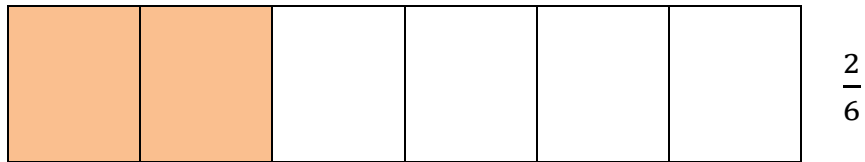
$$3) \quad \frac{62}{76} - \frac{40}{76} = \frac{62 - 40}{76} = \frac{22}{76}$$

$$4) \quad \frac{51}{52} - \frac{31}{52} = \frac{51 - 31}{52} = \frac{20}{52}$$

$$5) \quad \frac{67}{85} - \frac{65}{85} = \frac{67 - 65}{85} = \frac{2}{85}$$

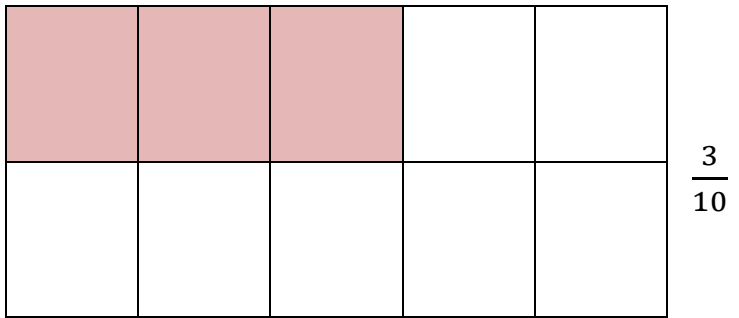
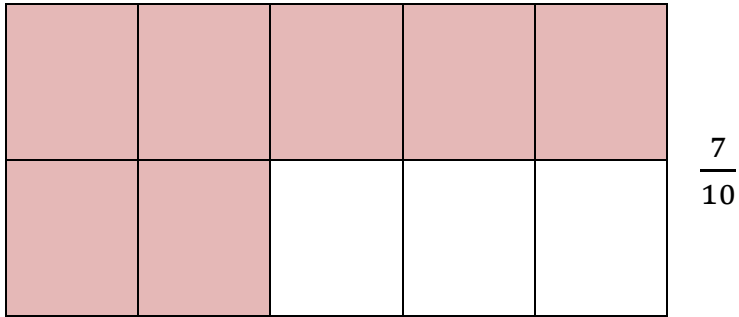
**V. Shade to show the two fractions and write >, < or =.**

1)



$$\frac{2}{6} < \frac{4}{6}$$

2)



$$\frac{7}{10} > \frac{3}{10}$$

## VI. Word Problems

1) Jasmine drank  $\frac{1}{2}$  glass of milk in the morning and  $\frac{1}{2}$  glass in the evening. How much milk did she drink in all?

Fraction of milk Jasmine drank in the morning..... =  $\frac{1}{2}$

Fraction of milk Jasmine drank in the evening..... =  $\frac{1}{2}$

Fraction of milk Jasmine drank in all..... =  $\frac{1}{2} + \frac{1}{2} = \frac{2}{2} = 1$

Answer: Jasmine drank 1 glass of milk in all.

2) A story book has 56 pages. Anu read  $\frac{3}{4}$  of the book. How many pages did she read?  
How many pages were left to be read?

Total number of pages.....= 56

Fraction of book Anu read.....=  $\frac{3}{4}$

Number of pages Anu read.....=  $\frac{3}{4}$  of 56 =  $\frac{3}{4} \times 56 = \frac{168}{4} = 42$

Number of pages left to be read.....= 56 -- 42 = 14

Answer: She read 42 pages. 14 pages were left to be read.

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