



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA- 700019



CLASS – III TERM – 2ND ARITHMETIC ANSWER: WORKSHEET – 10 DATE – 14.05.2020

FRACTIONS

I. Arrange the following fractions in ascending order.

1) $\frac{24}{79}$ $\frac{22}{79}$ $\frac{30}{79}$ $\frac{49}{79}$ $\frac{55}{79}$

Answer: $\frac{22}{79}$ $\frac{24}{79}$ $\frac{30}{79}$ $\frac{49}{79}$ $\frac{55}{79}$

2) $\frac{10}{14}$ $\frac{9}{14}$ $\frac{2}{14}$ $\frac{12}{14}$ $\frac{11}{14}$

Answer: $\frac{2}{14}$ $\frac{9}{14}$ $\frac{10}{14}$ $\frac{11}{14}$ $\frac{12}{14}$

3) $\frac{45}{47}$ $\frac{17}{47}$ $\frac{24}{47}$ $\frac{22}{47}$ $\frac{6}{47}$

Answer: $\frac{6}{47}$ $\frac{17}{47}$ $\frac{22}{47}$ $\frac{24}{47}$ $\frac{45}{47}$

II. Arrange the following fractions in descending order.

1) $\frac{52}{58}$ $\frac{44}{58}$ $\frac{29}{58}$ $\frac{33}{58}$ $\frac{5}{58}$

Answer: $\frac{52}{58}$ $\frac{44}{58}$ $\frac{33}{58}$ $\frac{29}{58}$ $\frac{5}{58}$

2) $\frac{19}{29}$ $\frac{4}{29}$ $\frac{24}{29}$ $\frac{16}{29}$ $\frac{2}{29}$

Answer: $\frac{24}{29}$ $\frac{19}{29}$ $\frac{16}{29}$ $\frac{4}{29}$ $\frac{2}{29}$

3) $\frac{89}{99}$ $\frac{57}{99}$ $\frac{79}{99}$ $\frac{64}{99}$ $\frac{40}{99}$

Answer: $\frac{89}{99}$ $\frac{79}{99}$ $\frac{64}{99}$ $\frac{57}{99}$ $\frac{40}{99}$

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) $\frac{82}{97} + \frac{14}{97} = \frac{82 + 14}{97} = \frac{96}{97}$

2) $\frac{15}{72} + \frac{21}{72} = \frac{15 + 21}{72} = \frac{36}{72}$

3) $\frac{22}{56} + \frac{11}{56} = \frac{22 + 11}{56} = \frac{33}{56}$

4) $\frac{16}{80} + \frac{42}{80} = \frac{16 + 42}{80} = \frac{58}{80}$

5) $\frac{51}{65} + \frac{12}{65} = \frac{51 + 12}{65} = \frac{63}{65}$

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) $\frac{66}{98} - \frac{45}{98} = \frac{66 - 45}{98} = \frac{21}{98}$

$$2) \quad \frac{27}{38} - \frac{15}{38} = \frac{27 - 15}{38} = \frac{12}{38}$$

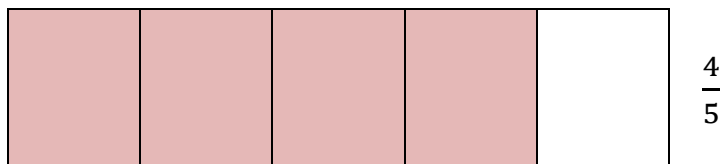
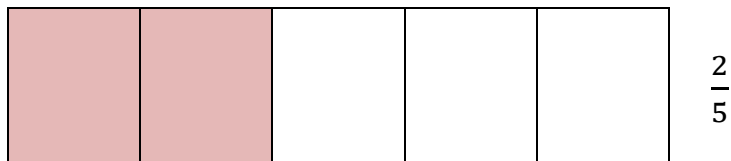
$$3) \quad \frac{42}{53} - \frac{39}{53} = \frac{42 - 39}{53} = \frac{3}{53}$$

$$4) \quad \frac{69}{71} - \frac{67}{71} = \frac{69 - 67}{71} = \frac{2}{71}$$

$$5) \quad \frac{65}{66} - \frac{55}{66} = \frac{65 - 55}{66} = \frac{10}{66}$$

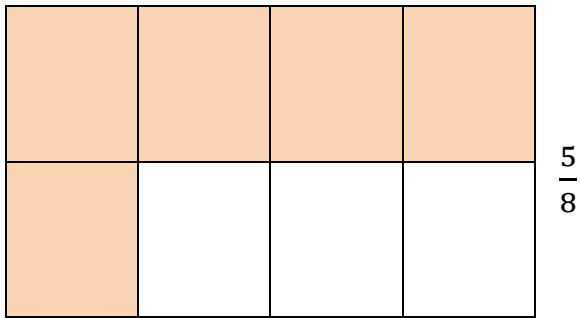
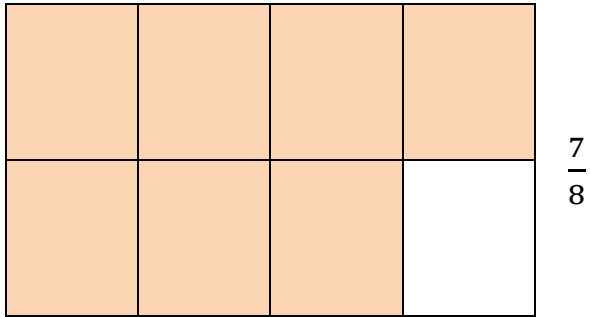
V. Shade to show the two fractions and write $>$, $<$ or $=$.

1)



$$\frac{2}{5} < \frac{4}{5}$$

2)



$$\frac{7}{8} > \frac{5}{8}$$

VI. Word Problems

1) Bablu ate $\frac{3}{6}$ of a pizza and Sabrina ate $\frac{2}{6}$. How much did they eat in all?

Fraction of pizza eaten by Bablu..... = $\frac{3}{6}$

Fraction of pizza eaten by Sabrina..... = $\frac{2}{6}$

Fraction of pizza eaten by both..... = $\frac{3}{6} + \frac{2}{6} = \frac{3+2}{6} = \frac{5}{6}$

Answer: They ate $\frac{5}{6}$ fraction of the pizza in all.

2) Paul used up $\frac{1}{2}$ of the pen's ink. How much ink is left in his pen?

The whole quantity of ink present in the pen.....= $\frac{2}{2}$

Fraction of ink used up by Paul.....= $\frac{1}{2}$

Fraction of ink left.....= $\frac{2}{2} - \frac{1}{2} = \frac{2-1}{2} = \frac{1}{2}$

Answer: $\frac{1}{2}$ fraction of ink was left in his pen.

Monjita Biswas