



## MATHEMATICS Ch.6 – FRACTIONS

NAME:.....DATE:.....

CLASS / SEC:.....

I Answer the following questions.

1 Find two equivalent fractions for each of the following.

a.  $\frac{5}{6}$

b.  $\frac{8}{13}$

2 Reduce to the lowest terms.

a.  $\frac{81}{99}$

b.  $\frac{64}{96}$

3 Compare using < or >.

a.  $\frac{1}{8}$  [ ]  $\frac{1}{5}$

b.  $\frac{3}{7}$  [ ]  $\frac{4}{9}$

4 Solve.

a.  $\frac{5}{9} + \frac{2}{9}$

b.  $\frac{6}{11} + \frac{5}{11} + \frac{3}{11}$

c.  $\frac{3}{8} + \frac{5}{9}$

d.  $\frac{4}{9} - \frac{3}{7}$

e.  $5\frac{2}{7} - 4\frac{3}{14}$

5 Rearrange in ascending order.

a.  $\frac{4}{9}, \frac{4}{13}, \frac{4}{17}, \frac{4}{7}, \frac{4}{15}$



## INDIAN SCHOOL NIZWA - WORKSHEET

b.  $\frac{11}{16}, \frac{7}{16}, \frac{13}{16}, \frac{9}{16}, \frac{15}{16}$

6 Rearrange in descending order.

a.  $\frac{11}{12}, \frac{11}{14}, \frac{11}{13}, \frac{11}{17}, \frac{11}{15}$

b.  $\frac{12}{21}, \frac{8}{21}, \frac{13}{21}, \frac{9}{21}, \frac{15}{21}$

7 The painter used  $5\frac{5}{8}l$  of orange paint and  $4\frac{3}{8}l$  of green paint to paint the wall. How much paint did he use in all?

8 The milkman had  $3\frac{2}{5}l$  of milk in the can. He sold  $3\frac{3}{4}l$  of milk to a customer. How much is left in the can?

9 The taxi – ride from your house to the airport took  $\frac{1}{2}$  an hour. The flight took  $1\frac{1}{4}$  hour. The ride from the airport to your friend’s house was  $\frac{1}{4}$  hour. How long did the entire journey take?

10 Find 10 different ways to arrange the digits 1, 2, 3, 4, 5, 6 and 8 to show half.