LAWRENCE COLLEGE, MURREE
PREPARATORY SCHOOL
Assignment # 11
Class 5 A,B
Mathematics

Name: _____   Sec: _____   House: _____

Q. Add the following fractions. (Hint: To make the denominators same)

Example: $\dfrac{2}{5} + \dfrac{4}{7}$

$= \dfrac{2 \times 7}{5 \times 7} + \dfrac{4 \times 5}{7 \times 5}$

$= \dfrac{14}{35} + \dfrac{20}{35}$

$= \dfrac{34}{35}$

iv. $\dfrac{13}{14} + \dfrac{11}{21}$

i. $\dfrac{3}{8} + \dfrac{1}{5}$

v. $\dfrac{17}{22} + \dfrac{9}{44}$

ii. $\dfrac{3}{14} + \dfrac{6}{7}$

vi. $\dfrac{6}{25} + \dfrac{19}{50}$

iii. $\dfrac{14}{15} + \dfrac{2}{3}$

vii. $\dfrac{23}{40} + \dfrac{17}{20}$

Name: _____ Sec: _____ House: _____

Q. Subtract the following fractions. (Hint: To make the denominators same)

Example: $\dfrac{7}{8} - \dfrac{3}{4}$

$= \dfrac{7 \times 1}{8 \times 1} - \dfrac{3 \times 2}{4 \times 2}$

$= \dfrac{7}{8} - \dfrac{6}{8}$

$= \dfrac{7-6}{8}$

$= \dfrac{1}{8}$

i. $\dfrac{13}{14} - \dfrac{7}{28}$

ii. $\dfrac{9}{23} - \dfrac{17}{46}$

iii. $\dfrac{29}{44} - \dfrac{3}{22}$

iv. $\dfrac{10}{13} - \dfrac{15}{26}$

v. $\dfrac{12}{27} - \dfrac{2}{9}$

vi. $\dfrac{21}{25} - \dfrac{19}{50}$

vii. $\dfrac{23}{60} - \dfrac{13}{20}$

LAWRENCE COLLEGE, MURREE
PREPARATORY SCHOOL
Assignment # 13
Class 5 A,B
Mathematics

Name: _____ Sec: _____ House: _____

Topic: Addition and Subtraction of Fractions.

Example: $2\frac{3}{5} + 1\frac{7}{15}$

$= \frac{13}{5} + \frac{22}{15}$

$= \frac{13\times3}{5\times3} - \frac{22\times1}{15\times1}$

$= \frac{39}{15} + \frac{22}{15}$

$= \frac{39+22}{15}$

$= \frac{61}{15}$

$= 4\frac{1}{15}$

i. $4\frac{5}{16} + 2\frac{7}{8}$

ii. $7\frac{2}{21} + 3\frac{5}{14}$

iii. $8\frac{3}{12} + 4\frac{3}{6}$

iv. $6\frac{3}{5} - 2\frac{3}{10}$

v. $4\frac{8}{9} - 2\frac{2}{9}$

vi. $3\frac{21}{25} - 1\frac{19}{50}$

vii. $5\frac{1}{6} - 2\frac{5}{18}$