

Name: \_\_\_\_\_

## Arithmetic Operations with Rational Numbers

A) Add the following Fractions (reduce all fractions to lowest terms)

1)  $\frac{4}{23} + \frac{7}{23}$

2)  $\frac{6}{45} + \frac{9}{45}$

3)  $\frac{2}{3} + \frac{5}{9}$

4)  $\frac{1}{4} + \frac{3}{7}$

5)  $1\frac{4}{23} + 3\frac{11}{23}$

6)  $2\frac{3}{4} + 4\frac{2}{5}$

B) Subtract the following Fractions (reduce all fractions to lowest terms)

7)  $\frac{7}{23} - \frac{4}{23}$

8)  $\frac{2}{3} - \frac{5}{9}$

9)  $4\frac{2}{5} - 2\frac{3}{4}$

10)  $\frac{3}{7} - \frac{1}{4}$

11)  $\frac{9}{45} - \frac{6}{45}$

12)  $3\frac{11}{23} - 1\frac{4}{23}$