Adding and Subtracting Decimals and Fractions Lesson

1) **24.72 + 25.02 – 15.9**

2) $\dfrac{4}{6} + \dfrac{1}{3} - \dfrac{4}{18}$

The operations of addition and subtraction are at the same priority level. Since the operations are addition and subtraction we process the problem left to right.

24.72 + 25.02 – 15.9
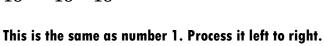   **(1st)   (2nd)**

24.72 + 25.02 – 15.9

49.74 – 15.9 =

33.84

Step 1) Find a common denominator.

18 is the lowest common denominator.

$\dfrac{4}{6} + \dfrac{1}{3} - \dfrac{4}{18} =$

$\dfrac{12}{18} + \dfrac{6}{18} - \dfrac{4}{18}$

This is the same as number 1. Process it left to right.

$\dfrac{12}{18} + \dfrac{6}{18} - \dfrac{4}{18}$

   (1st) (2nd)

$\dfrac{18}{18} - \dfrac{4}{18} =$

$\dfrac{14}{18}$