

**Unit 1: Review – Integers & Rationals** [NO CALCULATORS]**1.4 Rationals: Adding & Subtracting**

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To add or subtract we must have a common denominator. To make calculations the simplest use the LOWEST common denominator (LCD).

Ex. Evaluate:

a)  $\frac{1}{2} + \frac{3}{2}$

b)  $\frac{5}{3} - \frac{1}{3}$

c)  $\frac{1}{2} + \frac{2}{3}$

d)  $\frac{5}{8} - \frac{1}{6}$

What about mixed numbers?

Ex. Evaluate:

a)  $3\frac{1}{4} + 2\frac{2}{5}$

Mixed Numbers

Improper

b)  $6\frac{1}{2} - 5\frac{1}{3}$

Mixed Numbers

Improper

c)  $1\frac{3}{4} - 2 + 3\frac{1}{6}$

When using mixed numbers be sure that your answers are in **PROPER** mixed number form.

**Ex.** Evaluate:

a)  $2\frac{2}{3} + 3\frac{1}{2}$

b)  $3\frac{1}{3} - 1\frac{4}{5}$