

Adding and Subtracting Fractions

MTH 3-07b By applying my knowledge of equivalent fractions and common multiples, I can add and subtract commonly used fractions.

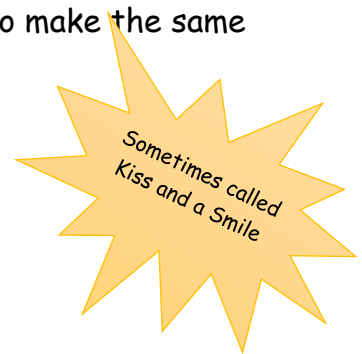
You can only add and subtract fractions if they have the same denominator.

$$\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$$

$$\frac{8}{11} - \frac{3}{11} = \frac{5}{11}$$

If they are not the same you have to multiply each fraction to make the same denominator.

$$\frac{1}{2} + \frac{3}{5} = \frac{5}{10} + \frac{6}{10} = \frac{11}{10} = 1 \frac{1}{10}$$



When adding it is easier to add the whole numbers then add the fractions.

$$1 \frac{1}{5} + 3 \frac{4}{7} = 4 \frac{1}{5} + \frac{4}{7} = 4 \frac{7}{35} + \frac{20}{35} = 4 \frac{27}{35}$$