Fractions

1. $3/4 + 7/4 = \dfrac{10}{4}$

$\left(\dfrac{3}{3}\right) 3/5 + 2/3 \left(\dfrac{5}{5}\right)$

$\dfrac{9}{15} + \dfrac{10}{15} = \dfrac{19}{15}$

1. are the bases the same?

if yes add numerator

3. 4/5 - 2/5 $= \dfrac{2}{5}$.

4. 5/9 - 3/7

$(7) \dfrac{5}{9} - \dfrac{3}{7} (9)$

$\dfrac{35}{63} - \dfrac{27}{63} = \dfrac{8}{63}$

5. 5/4 * 2/7

$$\frac{5}{4} \cdot \frac{2}{7} \longrightarrow \frac{10}{28} = \frac{5}{14}$$

6. 1/4 * 3/5 $= \frac{3}{20}$

7. 1/4 ÷ 1/5

$$\frac{1}{4} \times \frac{5}{1} = \frac{5}{4}$$

8. 2/3 ÷ 4/5

$$\frac{2}{3} \times \frac{5}{4} = \frac{5}{6}$$

9. A train arrives at the station with 100 passengers on board. 2/5 of the passengers get off the train in Seattle, and then 35 passengers board the train. How many passengers are on the train when it leaves the station?

$$100 \times \frac{2}{5} = 40 \text{ People Left}$$

$$100 - 40 = 60 \text{ on}$$

$$\begin{array}{r} +35 \\ \hline 95 \text{ people} \end{array}$$