Suma y Resta de Fracciones.

1) $\frac{2x}{x^2-16} + \frac{8}{x^2-16}$

$\frac{2x}{(x-4)(x+4)} \quad \frac{8}{(x-4)(x+4)}$

B// $\frac{2}{(x-4)}$

$\frac{1(2x)+1(8)}{(x-4)(x+4)} \quad \frac{2x+8}{(x-4)(x+4)} = \frac{2(x+4)}{(x-4)(x+4)}$

2) $\frac{3a}{5-a} + \frac{7a}{5-a} + \frac{13m}{5-a}$

$\frac{3a+5(-3)a+7a+13m}{5} = \frac{3a-15a+7a+13m}{5}$

B// $= \frac{-5a+13m}{5}$

3) $\frac{3}{(x+3)} - \frac{10}{x^2+7x+12}$

$\frac{}{(x+3)(x+4)}$

$\frac{(x+4)(x+3)}{(x+4)(x+3)}$

$\frac{3(x+4)-1(10)}{(x+4)(x+3)}$

$\frac{3x+12-10}{(x+4)(x+3)}$

B) $\frac{3x+2}{(x+4)(x+3)} =$

4) $\frac{6x}{x^2-7x+10} - \frac{1}{x-5}$

$\frac{}{(x-5)(x+2)}$

$\frac{(x-5)(x+2)}{(x-5)(x+2)} = \frac{1(6x)-1(x-2)}{(x-5)(x+2)}$

$\frac{(x-5)(x+2)}{(x-5)} = \frac{6x-x+2}{(x-5)(x+2)}$

$= \frac{5x+2}{(x-5)(x+2)}$

$\frac{5(x+2)}{(x-5)(x+2)}$

$=$ R) $\frac{5}{(x-5)}$

5) $\frac{3x+5}{8} - \frac{5x-3}{10}$ MCM = 40

$\frac{10}{8} = 5$ $\frac{5(3x+5) - 4(5x+3)}{40}$

$\frac{40}{10} = 4$ $\frac{15x+25-20x-12}{40}$

B// $\frac{-5x+13}{40}$