## Math II Adding and Subtracting Rationals with LIKE DENOMINATORS

1. $\frac{x-4}{3}+\frac{5 x}{3}$
2. $\frac{2 x+5}{7}-\frac{x}{7}$
3. $\frac{8}{x}+\frac{x+9}{x}$
4. $\frac{3 x-8}{4 x}+\frac{-x+8}{4 x}$
5. $\frac{3 x-6}{24 x}+\frac{3 x+6}{24 x}$
6. $\frac{2 x+3}{x+5}-\frac{x-3}{x+5}$
7. $\frac{2 x+3}{x+4}-\frac{x-7}{x+4}$
8. $\frac{8}{3(x+8)}+\frac{4}{3(x+8)}$
9. $\frac{3}{2(x-9)}+\frac{9}{2(x-9)}$
10. $\frac{7}{3(x-1)}+\frac{5}{3(x-1)}$
11. $\frac{4 x+7}{x+5}-\frac{x-6}{x+5}$
12. $\frac{-2 x+1}{x^{2}-4}-\frac{-3 x-1}{x^{2}-4}$
13. $\frac{5 x+1}{x^{2}-64}-\frac{4 x-7}{x^{2}-64}$
14. $\frac{2 x^{2}+7 x-3}{x^{2}+4 x-12}-\frac{2 x^{2}+6 x-1}{x^{2}+4 x-12}$
15. $\frac{3 x-4}{x^{2}-5 x+4}+\frac{3-2 x}{x^{2}-5 x+4}$
16. $\frac{5 x-4}{x^{2}-6 x-7}+\frac{5-4 x}{x^{2}-6 x-7}$
17. $\frac{3 x-8}{x^{2}-9}-\frac{2 x-5}{x^{2}-9}$
18. $\frac{4 x-7}{x^{2}-25}-\frac{3 x-2}{x^{2}-25}$




