Name_____REM Addition and Subtraction of Rational Expressions 1 Period _____

Completely simplify each sum or difference into a single completely simplified fraction SHOW ALL STEPS

$\frac{10x+4}{5x}+\frac{x-5}{6}$	$\frac{3x^2+5x}{3x}+\frac{x^2\mp 9x}{x-8}$
$\frac{3x+4}{4x^4}-\frac{5x-2}{9}$	$\frac{x^2+5x}{5x+3}-\frac{2x^2-9x}{4x}$

Completely simplify each sum or difference into a single completely simplified fraction SHOW ALL STEPS

$\frac{8x+3}{2x-1}+\frac{x-6}{x+2}$	$\frac{x^2+6x}{x+3}+\frac{x^2-5x}{x-8}$
$\frac{5x+40}{5x^3+10x}-\frac{3x-15}{x-8}$	$\frac{x^2-8x}{7x+2}-\frac{5x^2-15x}{5x^2+3x}$

Name_____REM Addition and Subtraction of Rational Expressions 1 Period _____

Completely simplify each sum or difference into a single completely simplified fraction SHOW ALL STEPS

$\frac{4x+7}{8x}+\frac{x-9}{7}$	$\frac{7x^2+2x}{7x}+\frac{x^2-4x}{x-2}$
$\frac{3x+11}{6x^3}-\frac{5x-2}{7}$	$\frac{x^2+9x}{3x+7}-\frac{5x^2-2x}{7x}$

Completely simplify each sum or difference into a single completely simplified fraction SHOW ALL STEPS

$\frac{4x+5}{2x-7}+\frac{x-4}{x+5}$	$\frac{x^2+8x}{x+2}+\frac{x^2-6x}{x-3}$
$\frac{7x+2}{5x^3+4x}-\frac{6x-1}{x-8}$	$\frac{x^2-8x}{4x+5}-\frac{8x^2-10x}{2x^2+4x}$

Name_____REM Addition and Subtraction of Rational Expressions 1 Period _____

Completely simplify each sum or difference into a single completely simplified fraction SHOW ALL STEPS

$\frac{7x+3}{9x}+\frac{x-5}{8}$	$\frac{11x^2+3x}{5x}+\frac{x^2-4x}{x-8}$
$\frac{6x+3}{7x^3}-\frac{8x-5}{4}$	$\frac{x^2+4x}{6x+5}-\frac{7x^2-1x}{5x}$

Completely simplify each sum or difference into a single completely simplified fraction SHOW ALL STEPS

$\frac{9x+2}{3x-8}+\frac{x-5}{x+6}$	$\frac{x^2+5x}{x+10}+\frac{x^2-2x}{x-6}$
$\frac{5x+3}{3x^3+5x}-\frac{3x-5}{x-7}$	$\frac{x^2-2x}{4x+5}-\frac{12x^2-6x}{3x^2+9x}$

Name_____REM Addition and Subtraction of Rational Expressions 1 Period _____

Completely simplify each sum or difference into a single completely simplified fraction SHOW ALL STEPS

$\frac{5x+2}{6x}+\frac{x-15}{3}$	$\frac{6x^2+11x}{9x}+\frac{x^2-4x}{x-10}$
$\frac{6x+5}{2x^3}-\frac{5x-3}{9}$	$\frac{x^2+4x}{2x+7}-\frac{5x^2-7x}{5x}$

Completely simplify each sum or difference into a single completely simplified fraction SHOW ALL STEPS

$\frac{10x+4}{5x-7}+\frac{x-6}{x+3}$	$\frac{x^2+4x}{x+10}+\frac{x^2-6x}{x-9}$
$\frac{3x+5}{8x^3+10x}-\frac{5x-7}{x-1}$	$\frac{x^2-3x}{3x+11}-\frac{15x^2-20x}{5x^2+10x}$