****Adding and Subtracting Algebraic Fractions GREEN

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| 1) $\frac{5x+1}{2}-\frac{3x}{2}$  | 2) $\frac{7x}{3}+\frac{3x}{4}$ |
| 3) $\frac{7x}{3}-\frac{8x}{5}$ | 4) $\frac{12}{5x}+\frac{3}{x}$ |
| 5) $\frac{x+3}{6}+\frac{x-2}{4}$ | 6) $\frac{2x-5}{3}-\frac{4x+1}{7}$ |
| 7) $\frac{7}{x+4}-\frac{9}{x-2}$ | 8) $\frac{3}{x-1}+\frac{2}{x+1}$  |

****Adding and Subtracting Algebraic Fractions AMBER

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| To add or subtract algebraic fractions:1. Find a common denominator
2. Find equivalent fractions with that denominator
3. Add or subtract the numerators and put the answer over the same denominator
4. Simplify if possible
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****Adding and Subtracting Algebraic Fractions RED

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| To add or subtract algebraic fractions:1. Find a common denominator
2. Find equivalent fractions with that denominator
3. Add or subtract the numerators and put the answer over the same denominator
4. Simplify if possible
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| 1) $\frac{5x+1}{2}-\frac{3x}{2}$  | 2) $\frac{7x}{3}+\frac{3x}{4}=\frac{ }{12}+\frac{ }{12}$ |
| 3) $\frac{7x}{3}-\frac{8x}{5}=\frac{ }{15}-\frac{ }{15}$ | 4) $\frac{12}{5x}+\frac{3}{x}=\frac{ }{5x}+\frac{ }{5x}$ |
| 5) $\frac{x+3}{6}+\frac{x-2}{4}=\frac{ }{12}+\frac{ }{12}$ | 6) $\frac{2x-5}{3}-\frac{4x+1}{7}$ |
| 7) $\frac{7}{x+4}-\frac{9}{x-2}$ | 8) $\frac{3}{x-1}+\frac{2}{x+1}$  |