**Algebraic Fractions - Add and Subtract**

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| Name : | Class : | Date : |

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| **1)** Express as a single fraction      a)  $\frac{7x}{10}+\frac{9x}{10}$     b)  $\frac{7x}{9}-\frac{x}{9}$     c)  $\frac{3x}{4}+\frac{x}{12}$ | [10]   |
|      d)  $\frac{2x}{3}+\frac{2x}{9}$     e)  $\frac{6x}{13}+\frac{x}{7}$     f)  $\frac{2x}{3}-\frac{2x}{5}$ |  |
|      g)  $\frac{3x}{10}+\frac{x}{8}$     h)  $\frac{x}{8}+\frac{3x}{20}$     i)  $\frac{x}{4}+\frac{x+5}{3}$ |  |
|      j)  $\frac{x+7}{5}-\frac{x-6}{3}$ |  |

**Solutions for the assessment Algebraic Fractions - Add and Subtract**

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| **1)**  a)  $\frac{8x}{5}$ |      b)  $\frac{2x}{3}$ |
|      c)  $\frac{5x}{6}$ |      d)  $\frac{8x}{9}$ |
|      e)  $\frac{55x}{91}$ |      f)  $\frac{4x}{15}$ |
|      g)  $\frac{17x}{40}$ |      h)  $\frac{11x}{40}$ |
|      i)  $\frac{7x+20}{12}$ |      j)  $\frac{-2x+51}{15}$ |