**Algebraic Fractions - Add and Subtract**

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| Name : | Class : | Date : |

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| **1)** Express as a single fraction      a)  $\frac{5x}{8}-\frac{x}{8}$     b)  $\frac{3x}{10}+\frac{x}{10}$     c)  $\frac{12x}{13}-\frac{x}{26}$ | [10]   |
|      d)  $\frac{x}{2}+\frac{x}{8}$     e)  $\frac{2x}{7}+\frac{x}{5}$     f)  $\frac{x}{3}+\frac{3x}{11}$ |  |
|      g)  $\frac{27x}{28}-\frac{7x}{12}$     h)  $\frac{13x}{20}-\frac{3x}{8}$     i)  $\frac{x}{8}-\frac{x+2}{3}$ |  |
|      j)  $\frac{x-3}{6}+\frac{x+8}{7}$ |  |

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

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| **1)**  a)  $\frac{x}{2}$ |      b)  $\frac{2x}{5}$ |
|      c)  $\frac{23x}{26}$ |      d)  $\frac{5x}{8}$ |
|      e)  $\frac{17x}{35}$ |      f)  $\frac{20x}{33}$ |
|      g)  $\frac{8x}{21}$ |      h)  $\frac{11x}{40}$ |
|      i)  $\frac{-5x-16}{24}$ |      j)  $\frac{13x+27}{42}$ |