

# Algebraic Fractions - Add and Subtract

Name :

Class :

Date :

Mark :

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1) Express as a single fraction

[10]

a)  $\frac{7x}{10} + \frac{9x}{10}$

b)  $\frac{7x}{9} - \frac{x}{9}$

c)  $\frac{3x}{4} + \frac{x}{12}$

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

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)  $\frac{-2x+51}{15}$