## **Fractions - Addition and Subtraction**

Name:	Class:	Date:		
		Mark	/ 12	%

1) Work out and give your answer as a fraction in its lowest terms

[7]

a) 
$$\frac{1}{10} + \frac{7}{10}$$

b) 
$$\frac{5}{12} - \frac{1}{12}$$

c) 
$$\frac{1}{2} + \frac{3}{4}$$

d) 
$$\frac{4}{11} - \frac{1}{44}$$

e) 
$$\frac{2}{11} + \frac{1}{7}$$

f) 
$$\frac{9}{10} - \frac{5}{14}$$

$$(g)\frac{2}{3} - \frac{3}{7}$$

2) Work out and give your answer as a mixed number in its lowest terms

[1]

$$5\frac{5}{7} - 2\frac{1}{7}$$

3) Work out and give your answer as a mixed number in its simplest form

[4]

a) 
$$3\frac{1}{6} + 4\frac{1}{6}$$

b) 
$$3\frac{1}{6} + 1\frac{1}{3}$$

c) 
$$9\frac{1}{5} - 4\frac{3}{5}$$

d) 
$$2\frac{4}{5} + 3\frac{3}{4}$$

## Solutions for the assessment Fractions - Addition and Subtraction

1) a)  $\frac{4}{5}$ 

b)  $\frac{1}{3}$ 

c)  $\frac{5}{4}$ 

d)  $\frac{15}{44}$ 

e)  $\frac{25}{77}$ 

f)  $\frac{19}{35}$ 

g)  $\frac{5}{21}$ 

**2**)  $3\frac{4}{7}$ 

**3**) a)  $7\frac{1}{3}$ 

b)  $4\frac{1}{2}$ 

c)  $4\frac{3}{5}$ 

d)  $6\frac{11}{20}$