

# Fractions - Four Rules

Name:	Class:	Date:
Mark		/ 14 %

1) Work out and give your answer as a fraction in its lowest terms [6]

a)  $\frac{3}{4} - \frac{1}{4}$

b)  $\frac{1}{4} + \frac{1}{12}$

c)  $\frac{5}{6} - \frac{1}{4}$

d)  $\frac{13}{37} + \frac{7}{31}$

e)  $\frac{10}{17} \div \frac{10}{5}$

f)  $\frac{1}{30} \times \frac{6}{7}$

2) Work out and give your answer as a mixed number in its simplest form [4]

a)  $7\frac{2}{11} + 3\frac{7}{11}$

b)  $6\frac{1}{6} - 4\frac{5}{6}$

c)  $2\frac{1}{2} \times 1\frac{1}{2}$

d)  $2\frac{1}{3} \div 1\frac{1}{2}$

3) Work out and give your answer as a fraction in its simplest form or as a whole number [1]

$5 \div \frac{8}{9}$

4) Work out and give your answer as a mixed number in its lowest terms or as a whole number [1]

$7 \times 3\frac{5}{8}$

5) Jeremy has 28 sweets. He gives his friend  $\frac{1}{4}$  of them.

[1]

How many sweets does he have left?

6) Alex has 36 sweets. He gives his sister  $\frac{1}{3}$  of them. Then he gives  $\frac{1}{4}$  of the rest to his brother.

[1]

How many sweets does he have left?

## Solutions for the assessment Fractions - Four Rules

1) a)  $\frac{1}{2}$

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

c)  $\frac{7}{12}$

d)  $\frac{662}{1147}$

e)  $\frac{5}{17}$

f)  $\frac{1}{35}$

2) a)  $10\frac{9}{11}$

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

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

d)  $1\frac{5}{9}$

3)  $5\frac{5}{8}$

4)  $25\frac{3}{8}$

5) 21

6) 18