

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