

# Fractions - multiplying

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

Mark \_\_\_\_\_ / 12 \_\_\_\_\_ %

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

[7]

a)  $\frac{4}{5} \times \frac{2}{7}$

b)  $\frac{2}{5} \times \frac{2}{7}$

c)  $\frac{1}{12} \times \frac{4}{5}$

d)  $\frac{1}{6} \times \frac{3}{7}$

e)  $\frac{9}{13} \times \frac{3}{7}$

f)  $\frac{5}{6} \times \frac{1}{16}$

g)  $8 \times \frac{1}{8}$

2) Work out and give your answer as a fraction in its lowest terms or as a whole number

[3]

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

b)  $2\frac{1}{2} \times 3\frac{1}{3}$

c)  $7\frac{5}{8} \times 7\frac{5}{12}$

3) Work out and give your answer as a mixed number in its lowest terms or as a whole number

[2]

a)  $6 \times \frac{1}{9}$

b)  $8 \times 4\frac{1}{2}$

**Solutions for the assessment Fractions - multiplying**

1) a)  $\frac{8}{35}$

b)  $\frac{4}{35}$

c)  $\frac{1}{15}$

d)  $\frac{1}{14}$

e)  $\frac{27}{91}$

f)  $\frac{5}{96}$

g) 1

2) a)  $6\frac{9}{16}$

b)  $8\frac{1}{3}$

c)  $56\frac{53}{96}$

3) a)  $\frac{2}{3}$

b) 36