

# Fractions - Multiplication and Division

Name:	Class:	Date:
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Mark	/ 12	%
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1) Work out and give your answer as a fraction in its lowest terms [5]

a)  $\frac{1}{7} \times \frac{6}{11}$

b)  $\frac{2}{17} \div \frac{2}{7}$

c)  $\frac{1}{20} \times \frac{5}{6}$

d)  $\frac{3}{7} \div \frac{19}{14}$

e)  $8 \times \frac{7}{8}$

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

a)  $2\frac{3}{4} \times 1\frac{1}{4}$

b)  $3\frac{3}{4} \div 2\frac{3}{4}$

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

d)  $2\frac{3}{5} \times 3\frac{1}{3}$

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

$1 \div \frac{1}{2}$

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

$3 \times \frac{1}{3}$

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

$8 \div \frac{1}{6}$

## Solutions for the assessment Fractions - Multiplication and Division

1) a)  $\frac{6}{77}$

b)  $\frac{7}{17}$

c)  $\frac{1}{24}$

d)  $\frac{6}{19}$

e) 7

2) a)  $3\frac{7}{16}$

b)  $1\frac{4}{11}$

c)  $1\frac{3}{7}$

d)  $8\frac{2}{3}$

3) 2

4) 1

5) 48