



FUNCTIONAL SKILLS MATHEMATICS

AQA | Edexcel | City & Guilds | Open Awards | NCFE | Highfield

Level 1

Fractions

Materials

- You **cannot** use a calculator for **questions** with this symbol.



Instructions

- Answer **all** questions.
- Answer questions on separate paper.

Information and Advice

- The marks for each question are shown in brackets – use this as a guide on how long to spend on each question.
- Read each question carefully before you answer it.
- Check you answers.



Q1 What fraction, with a bottom number of 4, is equivalent to $\frac{9}{12}$?

[1 mark]



Q2 What is $\frac{7}{6}$ of 18?

[1 mark]



Q3 What fraction, with a top number of 5, is equivalent to $\frac{4}{20}$?

[1 mark]



Q4 What is $\frac{7}{2}$ of 10?

[1 mark]



Q5 Convert the following mixed numbers to fractions:

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

[2 marks]

b) $2\frac{6}{8}$

[2 marks]

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

[2 marks]



Q6 Convert the following fractions to mixed numbers:

a) $\frac{13}{5}$

[2 marks]

b) $\frac{11}{2}$

[2 marks]

c) $\frac{36}{7}$

[2 marks]



Q7 Put these fractions in order of smallest to largest:

$$\frac{34}{75}, \frac{175}{375}, \frac{110}{250}, \frac{335}{750}$$

[2 marks]



Q8 Put these fractions in order of largest to smallest:

$$\frac{6}{20}, \frac{34}{170}, \frac{85}{340}, \frac{20}{85}$$

[2 marks]



Q9 Put these fractions in order of smallest to largest:

$$\frac{24}{15}, \frac{5}{3}, \frac{9}{5}, \frac{17}{10}$$

[2 marks]



Q10 Put these fractions in order of largest to smallest:

$$\frac{89}{24}, \frac{22}{6}, \frac{29}{8}, \frac{45}{12}$$

[2 marks]