FUNCTIONAL SKILLS MATHEMATICS

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

Level 2

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]

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Turn over ►

Q6 Convert the following fractions to mixed numbers:

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

[2 marks]

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

[2 marks]

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

[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]

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Turn over ►

Q11   What is $\frac{7}{3} + \frac{2}{9}$?

[2 marks]

Q12   What is $\frac{11}{4} - \frac{14}{8}$?

[2 marks]

Q13   What is $4\frac{4}{5} + 2\frac{8}{10}$?

[3 marks]

Q14   What is $2\frac{2}{14} - 1\frac{6}{7}$?

[3 marks]

Q15   What is $\frac{15}{12} + \frac{1}{7}$?

[2 marks]

Q16   What is $\frac{23}{7} - \frac{8}{11}$?

[2 marks]

Q17   What is $1\frac{7}{10} + 3\frac{4}{9}$?

[3 marks]

Q18 What is $6\frac{8}{13} - 2\frac{1}{4}$?

[3 marks]

Q19 What is $\frac{5}{9} + \frac{7}{3} - \frac{16}{6}$?

[3 marks]

Q20 What is $\frac{11}{9} + \frac{9}{11} - \frac{37}{99}$?

[2 marks]

Q21 What is $\frac{36}{12} + \frac{25}{5} - \frac{36}{6}$?

[3 marks]

Q22 What is $\frac{2}{3} + \frac{13}{10} - \frac{5}{8}$?

[3 marks]

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