Working with Fractions Difficulty: Easy

Question Paper 1

Level	IGCSE
Subject	Maths (0580/0980)
Exam Board	CIE
Topic	Number
Sub-Topic	Working with Fractions
Paper	Paper 2
Difficulty	Easy
Booklet	Question Paper 1

Time allowed: **43 minutes**

Score: **/33**

Percentage: **/100**

Grade Boundaries:

CIE IGCSE Maths (0580)

A*	A	B	C	D	E
>88%	76%	63%	51%	40%	30%

CIE IGCSE Maths (0980)

9	8	7	6	5	4	3
>94%	85%	77%	67%	57%	47%	35%

Question 1

Without using a calculator, work out $\frac{5}{6} - \frac{1}{2}$

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Show all the steps of your working and give your answer as a fraction in its simplest form. [2]

Question 2

Work out $\frac{2}{3} - \frac{1}{4}$, giving your answer as a fraction in its lowest terms.

Do not use a calculator and show all the steps of your working. [2]

Question 3

Without using your calculator, work out $\frac{3}{4} + \frac{2}{3} - \frac{1}{8}$.

You must show all your working and give your answer as a mixed number in its simplest form. [4]

Question 4

Without using a calculator, work out $\frac{3}{5} + \frac{1}{6}$.

[2]

Write down all the steps of your working and give your answer as a fraction in its simplest form.

Question 5

Without using a calculator, work out $2\frac{5}{8} \times \frac{3}{7}$.

Show all your working and give your answer as a mixed number in its lowest terms. [3]

Question 6

Without using a calculator, work out $\frac{1}{12} \times 1\frac{1}{5}$.

Show all your working and give your answer as a fraction in its lowest terms. [2]

Question 7

Without using your calculator, work out $1\frac{7}{12} + \frac{13}{20}$.

You must show all your working and give your answer as a mixed number in its simplest form. [3]

Question 8

Without using your calculator, work out $2\frac{1}{4} - \frac{11}{12}$.

You must show all your working and give your answer as a fraction in its lowest terms. [3]

Question 9

Calculate $\frac{2.07 - 1.89}{5.71 - 3.92}$. [1]

Question 10

Write the following as single fractions.

(a) $x + \frac{x}{2}$ [1]

(b) $x + \frac{2}{x}$ [1]

Question 11

Work out $\frac{2}{3} + \frac{1}{6} - \frac{1}{4}$, giving your answer as a fraction in its lowest terms.

[3]

Do not use a calculator and show all the steps of your working.

Question 12

Without using a calculator, work out $1\frac{4}{5} \div \frac{3}{7}$.

[3]

Show all your working and give your answer as a fraction in its lowest terms.

Question 13

Without using a calculator, work out $\frac{4}{5} \div 2\frac{2}{3}$

Write down all the steps of your working and give your answer as a fraction in its simplest form.

[3]