Fractions

Question Paper

Level	IGCSE
Subject	Maths
Exam Board	Edexcel
Topic	Number and Algebra
Sub Topic	Fractions
Booklet	Question Paper

Time Allowed: **41 minutes**

Score: **/34**

Percentage: **/100**

Grade Boundaries:

A*	A	B	C	D	E	U
>85%	75%	70%	60%	55%	50%	<50%

1 Show that $\dfrac{5}{6}-\dfrac{3}{4}=\dfrac{1}{12}$

(Total for Question 1 is 2 marks)

2 Show that $\dfrac{4}{5}\div\dfrac{7}{15}=1\dfrac{5}{7}$

(2)

(b) Show that $5\dfrac{1}{4}-1\dfrac{2}{3}=3\dfrac{7}{12}$

(3)

(Total for Question 2 is 5 marks)

3   Show that $\dfrac{4}{9} - \dfrac{1}{6} = \dfrac{5}{18}$

(Total for Question 3 is 2 marks)

4   (a) Show that $\dfrac{7}{8} - \dfrac{5}{6} = \dfrac{1}{24}$

(2)

(b) Show that $\dfrac{5}{8} \div \dfrac{7}{12} = 1\dfrac{1}{14}$

(2)

(Total for Question 4 is 4 marks)

5 (a) Show that $\dfrac{4}{5} + \dfrac{2}{3} = 1\dfrac{7}{15}$

(2)

(b) Show that $2\dfrac{1}{4} \div 3\dfrac{1}{2} = \dfrac{9}{14}$

(3)

(Total for Question 5 is 5 marks)

6   Show that $\dfrac{4}{9} \div \dfrac{5}{6} = \dfrac{8}{15}$

(Total for Question 6 is 2 marks)

7   Show that $7\dfrac{1}{2} - 4\dfrac{2}{3} = 2\dfrac{5}{6}$

(Total for Question 7 is 3 marks)

8   Show that $\dfrac{3}{8} \div \dfrac{7}{12} = \dfrac{9}{14}$

(Total for Question 8 is 2 marks)

9   Work out the value of $\dfrac{21.89 - 7.75}{0.65 + 2.85}$

(Total for Question 9 is 2 marks)

10. Show that $\dfrac{3}{4} + \dfrac{4}{5} = 1\dfrac{11}{20}$

(Total for Question 10 is 2 marks)

11 (a) Show that $\dfrac{3}{10} + \dfrac{2}{15} = \dfrac{13}{30}$

(2)

(b) Show that $2\dfrac{5}{8} \div 1\dfrac{1}{6} = 2\dfrac{1}{4}$

(3)

(Total for Question 11 is 5 marks)