GCSE OCR Math J560

Fractions

Question Paper

"We will help you to achieve A Star "

Question 1

(b) Work out $\quad \dfrac{3}{5} - \dfrac{1}{3}$

[2 marks]

Question 2

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

[2 marks]

Question 3

(a) Work out $\quad \dfrac{1}{7} \times \dfrac{2}{3}$

[1 mark]

Question 4

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

[2 marks]

Question 5

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

[2 marks]

Question 6

(b) Work out $2\dfrac{7}{15} - 1\dfrac{2}{3}$

[3 marks]

Question 7

(b) Work out $1\dfrac{1}{5} \div \dfrac{3}{4}$

Give your answer as a mixed number in its simplest form.

[2 marks]

Question 8

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

[2 marks]

Question 9

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

[2 marks]

Question 10

(a) Work out $\quad 1\dfrac{1}{5} \times 2\dfrac{1}{3}$

Give your answer as a mixed number in its simplest form.

[3 marks]

Question 11

(b) Write the numbers 3, 4, 5 and 6 in the boxes to give the greatest possible total.
You may write each number only once.

$$\boxed{}\dfrac{1}{\boxed{}} + \boxed{}\dfrac{2}{\boxed{}}$$

[1 mark]

Question 12

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

[3 marks]

Question 13

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

[3 marks]

Question 14

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

[2 marks]

Question 15

(a) Work out $2\dfrac{1}{4} \times 3\dfrac{1}{3}$

Give your answer as a mixed number in its simplest form.

[3 marks]