N043 Fractions 2

Q1.

(a) Work out $\frac{5}{8} \times \frac{3}{4}$

.....

(1)

(b) Work out $\frac{2}{3} - \frac{1}{4}$

.....

(2)

(Total for question = 3 marks)

Q2.

(a) Work out $\frac{2}{7} + \frac{1}{5}$

.....

(2)

(b) Work out $1\frac{2}{3} \div \frac{3}{4}$

.....

(2)

(Total for question = 4 marks)

Q3.

(a) Work out $\frac{2}{3} - \frac{1}{5}$

.....

(2)

(b) Work out $\frac{2}{3} \times \frac{3}{4}$

Give your answer as a fraction in its simplest form.

.....

(2)

(Total for question = 4 marks)

Q4.

Work out $3\frac{1}{2} \times 1\frac{3}{5}$

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

.....

(Total for question = 3 marks)

Q5.

(a) Work out $2\frac{1}{7} + 1\frac{1}{4}$

.....

(2)

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

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

.....

(2)

(Total for question = 4 marks)

Q6.

Work out $2\frac{3}{4} \times 3\frac{1}{5}$

.....

(Total for question = 2 marks)

Q7.

Work out $2\frac{3}{5} - 1\frac{5}{6}$

.....

(Total for question = 3 marks)

Q8.

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

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

.....

(3)

(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.

$$\square\frac{1}{\square} + \square\frac{2}{\square}$$

(1)

(Total for question = 4 marks)

Q9.

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

(2)

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

(3)

(Total for Question is 5 marks)

Q10.

$\frac{5}{9}$ of the students in a group are male.

$\frac{5}{6}$ of the **female** students in the group are right-handed.

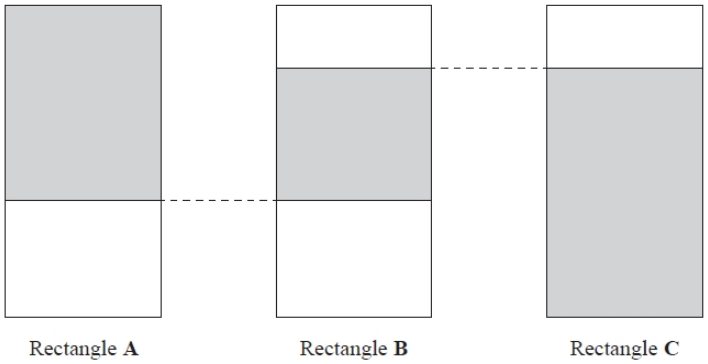
Work out the fraction of students in the group who are right-handed females.

.....

(Total for question = 3 marks)

Q11.

The diagram shows three identical rectangles.



$\frac{5}{8}$ of rectangle **A** is shaded.

80% of rectangle **C** is shaded.

What fraction of rectangle **B** is shaded?

.....

(Total for question = 3 marks)