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**Time:****Non-Calculator Questions**

- 1 Maria has a pay rise.  
Her pay was £8 per hour.  
It is now £9.60 per hour.  
Calculate the percentage increase in Maria's pay.

**(3 marks)**

- 3 Work out  $4\frac{1}{4} - 2\frac{2}{5}$   
Give your answer as a mixed number in its simplest form.

**(3 marks)**

- 5 Work out  $1\frac{2}{3} \times 1\frac{1}{8}$   
Give your answer as a mixed number in its simplest form.

**(3 marks)**

- 7 Show that  $0.\dot{7}\dot{2} = \frac{8}{11}$

(3 marks)

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**Calculator Questions**



- 9 Anna, Brianna and Caleb share some money in the ratio 5:3:7  
Caleb receives £9.60 more than Brianna.  
What was the total of the sum of money that was shared?

(3 marks)



- 11 Pierre buys a boat for 14 000 euros.  
The boat depreciates in value by 12% each year.  
Find the value of the boat after three years.

(3 marks)



- 13 a Write down the reciprocal of 5

(1 mark)

- b Write down the reciprocal of 2.2

(1 mark)



- 15 Work out  $2\frac{4}{5} \div \frac{3}{10}$

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

(2 marks)



17 Briony invests some money.

Interest is paid on the money at a rate of 2% per annum for the first year and 1% per annum for the second year.

After two years, the investment is worth £8653.68

How much did Briony invest?

**(3 marks)**

Overall mark	/50
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