**1.** Find an approximate value of 

You **must** show all your working.

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Answer ......................................................

(Total 3 marks)

**2.** Use approximations to estimate the value of 

You **must** show your working.

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Answer .........................................................................

(Total 3 marks)

**3.** Estimate the value of 

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Answer ..............................................................

(Total 2 marks)

**4.** Find an approximate value of 

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Answer .....................................................

(Total 3 marks)

**5.** Hannah, Gemma and Jo use their calculators to work out the value of



Hannah gets 142.07, Gemma gets 14.207 and Jo gets 3.138

Use approximations to show which one of them is correct.  
You **must** show your working.

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Answer...............................................................................

(Total 3 marks)

**6.** Use approximations to estimate the value of



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Answer ......................................................................

(Total 2 marks)

**7.** (a) Kim buys 71 stamps which cost 19 pence each.

By using suitable approximations, **estimate** the total cost of the stamps.  
You **must** show your working

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Answer £ .....................................................................

(2)

(b) Liz has 40 postage stamps.  
The ratio of the number of first class stamps to the number of second class stamps  
is 1 : 4.

How many second class stamps does Liz have?

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Answer .......................................................................

(2)

(Total 4 marks)

**8.** Find an approximate value of 

You **must** show all your working.

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Answer ....................................................................

(Total 3 marks)

**9.** Estimate the value of 198 × 40.3

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Answer ...................................................................................................

(Total 2 marks)

**10.** Estimate the value of 

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Answer ..........................................................................

(Total 2 marks)

**11.** Use approximations to estimate the value of 

You **must** show your working.

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Answer ......................................................................

(Total 3 marks)