

Name: \_\_\_\_\_

## Exam Style Questions

**Rounding: highest/lowest values**



**Corbettmaths**

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

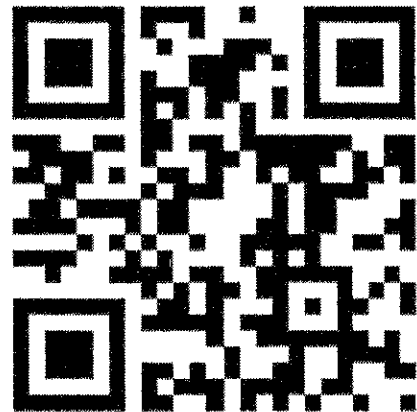
### Guidance

1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

[www.corbettmaths.com/contents](http://www.corbettmaths.com/contents)

**Video 280**



1. A sign says there are 230 people that live in a village, correct to the nearest 10.  
(a) What is the lowest possible number of people that live in the village?

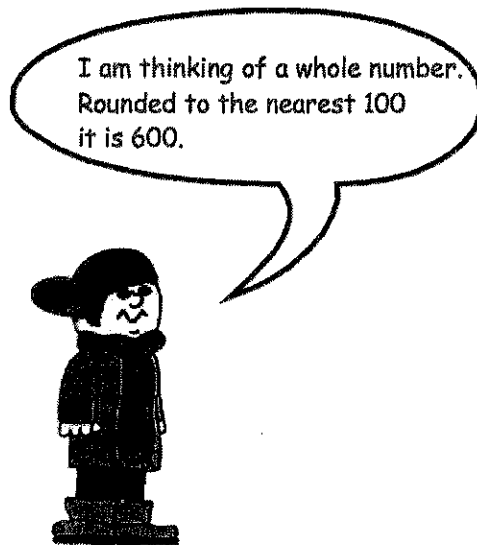
225  
(1)

- (b) What is the greatest possible number of people that live in the village?

234  
(1)

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2.



What is the smallest possible number David could be thinking of?

550  
(1)

What is the largest possible number David could be thinking of?

649  
(1)

3.

**Frome**  
**Population 26,000**

This sign is correct to the nearest thousand.

(a) What is the lowest possible number of people that live in Frome?

25500  
(1)

(b) What is the greatest possible number of people that live in Frome?

26499  
(1)

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4. A newspaper says the number of people at a football match is 44,000.  
This is correct to the nearest 1000.

What is the lowest possible number of people at the match?

43500  
(1)

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5. A farmer says he has 2,500 sheep, to the nearest 100.

What is the greatest possible number of sheep he has?

2549  
(1)

6. Nicola is organising a concert to raise money for charity.  
 Entry to the concert is £4.00  
 The number of people attending concert is 800 to the nearest hundred.

What is the greatest possible amount of money she raised for charity?

max - 849 people

$$\begin{array}{r} 849 \\ \times 4 \\ \hline 3396 \end{array}$$

$$\begin{array}{r} \text{£ } 3396 \\ \hline \end{array} \quad (3)$$

7. The population of Northern Ireland is 1.8 million, to the nearest hundred thousand.

1,800,000

(a) What is the lowest possible number of people that live in Northern Ireland?

1,750,000

$$\begin{array}{r} 1,750,000 \\ \hline \end{array} \quad (1)$$

(b) What is the greatest possible number of people that live in Northern Ireland?

$$\begin{array}{r} 1,849,999 \\ \hline \end{array} \quad (1)$$