

Rounding Numbers

Please write clearly in block capitals

Forename:

Surname:

Materials

For this paper you must have:

- mathematical instruments



You must **not** use a calculator.

Instructions

- Use black ink or black ball-point pen. Draw diagrams in pencil.
- Fill in the boxes at the top of this page.
- Answer all questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- You may ask for graph paper, tracing paper and more answer paper. These must be tagged securely to this answer book.

Advice

- In all calculations, show clearly how you work out your answer.

1(a) Round 355 to the nearest hundred.

(Level 3)

[1 mark]

Answer _____

1(b) Round 8596 to the nearest thousand.

[1 mark]

Answer _____

1(c) Round 1406 to the nearest ten.

[1 mark]

Answer _____

1(d) Round 103.459 to the nearest whole number.

[1 mark]

Answer _____

1(e) Round 0.593 to the nearest whole number

[1 mark]

Answer _____

Turn over for next question

2(a) Round 9.89 to one decimal place

(Level 3)

[1 mark]

Answer _____

2(b) Round 11.345 to two decimal places.

[1 mark]

Answer _____

2(c) Round 0.544 to 1 decimal place

[1 mark]

Answer _____

2(d) Round 14.111 to 2 decimal places.

[1 mark]

Answer _____

2(e) Round 0.00432 to 3 decimal places.

[1 mark]

Answer _____

Turn over for next question

3 The 2018 world cup had an average attendance of 47371 fans per game. (Level 3)
The tickets cost on average £34.50 per game

3(a) Round 47371 to the nearest thousand

[1 mark]

Answer _____

3(b) Round £34.50 to the nearest pound.

[1 mark]

Answer _____

The average attendance across all the games at the world cup was 82.5% of capacity
3(c) Round 82.5 to 2 significant figures.

[1 mark]

Answer _____



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4(a) Round 4012 to 3 significant figures

(Level 3)

[1 mark]

Answer _____

4(b) Round 1.23 to 2 significant figures

[1 mark]

Answer _____

4(c) Round 0.0354 to 1 significant figures

[1 mark]

Answer _____

4(d) Round 1.0095 to 2 significant figures

[1 mark]

Answer _____

4(e) Round 685.212 to 4 significant figures.

[1 mark]

Answer _____

Turn over for next question

5 Tommy performs the following calculation *(Level 3)*

$$1332.33 + 234.23 = 1566.56$$

5(a) Round the answer to 1 decimal place.

[1 mark]

Answer _____

5(b) Round the answer to the nearest integer.

[1 mark]

Answer _____

5(c) Round the answer to the nearest ten.

[1 mark]

Answer _____

5(d) Round the answer to the nearest thousand.

[1 mark]

Answer _____

End of questions