

Name

ANSWERS

Class



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Rounding

(9 – 1) Topic booklet

Foundation

These questions have been collated from previous years GCSE Mathematics papers.

You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB pencil, eraser.

Total Marks

Instructions

- Use black ink or ball-point pen.
- Fill in the boxes at the top of this page with your name, centre number and candidate number.
- Answer all questions.
- Answer the questions in the spaces provided
 - there may be more space than you need.
- Diagrams are NOT accurately drawn, unless otherwise indicated.
- You must show all your working out.
- If the question is a 1F question you are not allowed to use a calculator.
- If the question is a 2F or a 3F question, you may use a calculator to help you answer.

Information

- The marks for each question are shown in brackets
 - use this as a guide as to how much time to spend on each question.

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Answer ALL questions
Write your answers in the space provided.
You must write down all the stages in your working.



1 Write 6184 correct to the nearest hundred.

6200

June 2023 – Paper 2F

(Total for Question 1 is 1 mark)



1 Write 1476 to the nearest 10

1480

June 2022 – Paper 2F

(Total for Question 1 is 1 mark)



480

June 2019 – Paper 3F

(Total for Question 1 is 1 mark)

1 Write 6324 correct to the nearest thousand.

6000

May 2018 – Paper 1F

(Total for Question 1 is 1 mark)

1 Write 3758 correct to the nearest 1000



4000

November 2017 – Paper 3F

(Total for Question 1 is 1 mark)

1 Write the number 18475 correct to the nearest thousand.

18000

May 2024 – Paper 1F

(Total for Question 1 is 1 mark)



1 Write the number 5689 correct to the nearest thousand.

6000

Specimen 1 – Paper 3F

(Total for Question 1 is 1 mark)



7000

Specimen 2 – Paper 2F

(Total for Question 1 is 1 mark)



2100

Sample 1 – Paper 3F

(Total for Question 1 is 1 mark)

2 Write 2148 correct to the nearest 100



29000

May 2020 – Paper 2F

(Total for Question 2 is 1 mark)

2 Write 8061 correct to the nearest hundred.



8100

November 2023 – Paper 3F

(Total for Question 2 is 1 mark)

2 Write the number 8375 correct to the nearest thousand.



8000

November 2019 – Paper 2F

(Total for Question 2 is 1 mark)

2 Write 1.59 correct to 1 decimal place.



1.6

May 2018 – Paper 2F

(Total for Question 2 is 1 mark)

2 Write 7.26451 correct to 3 decimal places.

7.265

June 2017 – Paper 1F

(Total for Question 2 is 1 mark)

2 Write 56.78 correct to one significant figure.



60

June 2017 – Paper 2F

(Total for Question 2 is 1 mark)

3 Write 4.666 correct to the nearest whole number.

5

May 2020 – Paper 1F

(Total for Question 3 is 1 mark)

3 Write the number 2538 correct to the nearest hundred.



2500

May 2018 – Paper 3F

(Total for Question 3 is 1 mark)

3 Here are four digits.



5 6 1 9

Write down the three digit number closest to 200 that can be made with three of the digits.

196

(1)

June 2017 – Paper 3F

(Total for Question 3 is 1 mark)

3 Write 4.4354 correct to 2 decimal places.

4.44

Specimen 1 – Paper 1F

(Total for Question 3 is 1 mark)

4 Write 19.4949 correct to the nearest whole number.

19

November 2022 – 3F

(Total for Question 4 is 1 mark)

4 Write 327 correct to the nearest ten.

330

November 2021 – Paper 1F

(Total for Question 4 is 1 mark)

4 Write 7829 to the nearest 1000

8000

November 2018 – Paper 1F

(Total for Question 4 is 1 mark)

17 (a) Write 87569 correct to 3 significant figures.



87600

(1)

(b) Work out
$$\frac{(3.2 + 3.7) \times 4.9}{5.3 - 2.8}$$

Give your answer as a decimal.

13.524

(2)

November 2022 – 3F

(Total for Question 17 is 3 marks)

18 (a) Write 2530 correct to 2 significant figures.



2500

(1)

(b) Write 0.0874 correct to 1 significant figure.

0.09

(1)