Name: _____

GCSE (1 - 9) Rounding	Solutions:

These questions are compiled from *released* Pearson Edexcel GCSE maths exam papers
They contain exam questions from up until the ***Summer 2023*** exam series
More recent exam papers do exist but are withheld for mock exams
As new exam papers are released these worksheets will gradually be updated
The ***most current*** version of these worksheets will always be available at: kennethstafford.co.uk

Question	Where the question appeared	Question	Where the question appeared
1	Edexcel, GCSE, Autumn 2021, Paper 1F, Q4	18	Edexcel, GCSE, November 2022, Paper 2F, Q4
2	Edexcel, GCSE, Autumn 2021, Paper 2F, Q12	19	Edexcel, GCSE, Summer 2022, Paper 2F, Q1
3	Edexcel, GCSE, Autumn 2020, Paper 1F, Q3	20	Edexcel, GCSE, Summer 2022, Paper 3F, Q18
4	Edexcel, GCSE, Autumn 2020, Paper 2F, Q2		
5	Edexcel, GCSE, Autumn 2019, Paper 1F, Q2		
6	Edexcel, GCSE, Autumn 2019, Paper 2F, Q2		
7	Edexcel, GCSE, Autumn 2019, Paper 3F, Q23		
8	Edexcel, GCSE, Summer 2019, Paper 3F, Q1		
9	Edexcel, GCSE, Autumn 2018, Paper 1F, Q4		
10	Edexcel, GCSE, Autumn 2018, Paper 3F, Q20		
11	Edexcel, GCSE, Summer 2018, Paper 1F, Q1		
12	Edexcel, GCSE, Summer 2018, Paper 2F, Q2		
13	Edexcel, GCSE, Summer 2018, Paper 3F, Q3		
14	Edexcel, GCSE, Autumn 2017, Paper 2F, Q23		
15	Edexcel, GCSE, Autumn 2017, Paper 3F, Q1		
16	Edexcel, GCSE, Summer 2017, Paper 1F, Q2		
17	Edexcel, GCSE, Summer 2017, Paper 2F, Q2		

Rounding (Past Paper Questions)

1

Write 327 correct to the nearest ten.

.....

(Total for Question 4 is 1 mark)

[Edexcel, GCSE, Autumn 2021, Paper 1F, Q4]

2

(a) Work out $\sqrt{\frac{13.82}{4.06}}$

Write down all the figures on your calculator display.

.....

(2)

(b) Give your answer to part (a) correct to 2 decimal places.

.....

(1)

(Total for Question 12 is 3 marks)

[Edexcel, GCSE, Autumn 2021, Paper 2F, Q12]

3

Write 4.666 correct to the nearest whole number.

.....

(Total for Question 3 is 1 mark)

[Edexcel, GCSE, Autumn 2020, Paper 1F, Q3]

4

Write 29 381 correct to the nearest 1000

.....

(Total for Question 2 is 1 mark)

[Edexcel, GCSE, Autumn 2020, Paper 2F, Q2]

5

Write 4.58 correct to 1 decimal place.

.....

(Total for Question 2 is 1 mark)

[Edexcel, GCSE, Autumn 2019, Paper 1F, Q2]

6

Write the number 8375 correct to the nearest thousand.

.....

(Total for Question 2 is 1 mark)

[Edexcel, GCSE, Autumn 2019, Paper 2F, Q2]

7

(a) Use your calculator to work out $\dfrac{29^2 - 4.6}{\sqrt{35 - 1.9^3}}$

Write down all the figures on your calculator display.

.....

(2)

(b) Write your answer to part (a) correct to 4 significant figures.

.....

(1)

(Total for Question 23 is 3 marks)

[Edexcel, GCSE, Autumn 2019, Paper 3F, Q23]

8

Write 478 to the nearest hundred.

.....

(Total for Question 1 is 1 mark)

[Edexcel, GCSE, Summer 2019, Paper 3F, Q1]

9

Write 7829 to the nearest 1000

.....

(Total for Question 4 is 1 mark)

[Edexcel, GCSE, Autumn 2018, Paper 1F, Q4]

10

(a) Write 7357 correct to 3 significant figures.

.....

(1)

(b) Work out $\dfrac{\sqrt{17 + 4^2}}{7.3^2}$

Write down all the figures on your calculator display.

.....

(2)

(Total for Question 20 is 3 marks)

[Edexcel, GCSE, Autumn 2018, Paper 3F, Q20]

11

Write 6324 correct to the nearest thousand.

.....

(Total for Question 1 is 1 mark)

[Edexcel, GCSE, Summer 2018, Paper 1F, Q1]

12

Write 1.59 correct to 1 decimal place.

.....

(Total for Question 2 is 1 mark)

[Edexcel, GCSE, Summer 2018, Paper 2F, Q2]

13

Write the number 2538 correct to the nearest hundred.

.....

(Total for Question 3 is 1 mark)

[Edexcel, GCSE, Summer 2018, Paper 3F, Q3]

14

Use your calculator to work out $\sqrt{\dfrac{\sin 25° + \sin 40°}{\cos 25° - \cos 40°}}$

(a) Write down all the figures on your calculator display.

.....

(2)

(b) Write your answer to part (a) correct to 2 decimal places.

.....

(1)

(Total for Question 23 is 3 marks)

[Edexcel, GCSE, Autumn 2017, Paper 2F, Q23]

15

Write 3758 correct to the nearest 1000

.....

(Total for Question 1 is 1 mark)

[Edexcel, GCSE, Autumn 2017, Paper 3F, Q1]

16

Write 7.264 51 correct to 3 decimal places.

.....

(Total for Question 2 is 1 mark)

[Edexcel, GCSE, Summer 2017, Paper 1F, Q2]

17

Write 56.78 correct to one significant figure.

.....

(Total for Question 2 is 1 mark)

[Edexcel, GCSE, Summer 2017, Paper 2F, Q2]

18

Write 19.4949 correct to the nearest whole number.

.....

(Total for Question 4 is 1 mark)

[Edexcel, GCSE, November 2022, Paper 2F, Q4]

19

Write 1476 to the nearest 10

.....

(Total for Question 1 is 1 mark)

[Edexcel, GCSE, Summer 2022, Paper 2F, Q1]

20

(a) Write 2530 correct to 2 significant figures.

.....

(1)

(b) Write 0.0874 correct to 1 significant figure.

.....

(1)

(Total for Question 18 is 2 marks)

[Edexcel, GCSE, Summer 2022, Paper 3F, Q18]