

Name:

Date:

Rounding

GCSE

Edexcel

Mathematics

Grade (9-1)

Mark

Grade

53

Materials

For this paper you must have:

- Ruler
- Pencil and Rubber
- Scientific calculator, which you are expected to use when appropriate

Instructions

- Answer all questions
- Answer questions in the space provided
- All working must be shown

Information

- The marks for the questions are shown in brackets

1 Round the following numbers:

(a) 1867 (nearest thousand)

.....
(1)

(b) 7687 (nearest thousand)

.....
(1)

(c) 888 (nearest hundred)

.....
(1)

(Total for question 1 is 3 marks)

2 The cost of a laptop is £3,467. Round to the nearest thousand.

£.....

(Total for question 2 is 1 mark)

3 The population of a city is 85,392. Round to the nearest thousand.

.....

(Total for question 3 is 1 mark)

4 Round off the digits individually and then add them
Lisa bought 258 pencils on Monday, 158 on Tuesday and 346 on Wednesday.
Estimate how many pencils did she buy in all? (Rounded to the nearest 10)

.....
(Total for question 4 is 3 marks)

5 Sheza baked 253 cupcakes for the bake sale.
To the nearest tenth, find how many cupcakes she made.

.....
(Total for question 5 is 2 marks)

6 Barak drove 445 miles on Tuesday.
How many miles did he drive to the nearest 100?

.....
(Total for question 6 is 2 marks)

7 There were 441 people at the theatre.

How many people were at the theatre rounded to the nearest hundred?

Leave
blank

.....
(Total for question 7 is 2 marks)

8 There were 125 children going on a school trip in buses.
Each bus seated 35 children.
How many buses are needed?

.....
(Total for question 8 is 3 marks)

9 Round each number to the nearest dollar.

(a) \$151.27

\$.....

(b) \$55.91

\$.....

(c) \$318.87

\$.....

(d) \$4532.79

\$.....

(Total for question 9 is 4 marks)

10 Mr Jackson divided his class into 4 groups. He has 49 students in a class. How many students were in each group?

.....
(Total for question 10 is 2 marks)

11 Jia walk equals distances every day of the week. This week she ran 69 miles.
How far did she run on Saturday? Round your answer to the nearest mile.

Leave
blank

.....
(Total for question 11 is 2 marks)

12 Round the following to the nearest tenth

(a) 8.842

(b) 7.9843

.....
(1)

.....
(1)
(Total for question 12 is 2 marks)

13 Jenny completed the race in 42.4 minutes.
Ben finished the race in 35.2 minutes and Paul finished the race in 57.9 minutes.
What was the total number of all three races? (Rounded to the nearest ten)

.....
(Total for question 13 is 3 marks)

14 Jerry places 500 blocks into boxes. Each box can store 36 blocks.
To the nearest 10, how many boxes can he fill?

Leave
blank

.....
(Total for question 14 is 3 marks)

15 Three classes collected money for donations.
Class 1 collected \$63, Class 2 collected \$45 and class 3 collected \$76.
How much did all three classes collect? (Rounded to the nearest 10)

.....
(Total for question 15 is 2 marks)

16 Joseph delivered 543 pizzas in Town A and 642 pizzas in town B.
Rounded to the nearest 100 how many did he deliver altogether?

.....
(Total for question 16 is 2 marks)

17 Sarah bought 3 games for \$6.75 each.
What is the total price of 3 games altogether? (Rounded to the nearest tenth)

.....
(Total for question 17 is 2 marks)

18 The size of a crowd at a pop singer concert is 45,800 to the nearest hundred.

(a) What is the lowest number that the crowd could be?

.....
(1)

(b) What is the highest number that the crowd could be?

.....
(1)

(Total for question 18 is 2 marks)

19 Complete the following table

Number	Rounded to nearest 1000	Rounded to nearest 100,000
476, 805		
601, 672		

(Total for question 19 is 4 marks)

20 A photographer took 422 pictures of plants and 759 pictures of animals.

To the nearest ten, how many pictures did he take in total?

.....
(Total for question 20 is 2 marks)

21 Calculate and round the following to the nearest whole number.

(a) $5534 \div 30$

(b) $75.7 \div 59$

.....
(3)

.....
(3)

(Total for question 21 is 6 marks)