
GCSE Rounding

Worksheets

ZRTUTORING

Zack R

1 Instructions

- Use black ink or ball-point pen
- Attempt all questions
- Answer the questions in the spaces provided
- You **must** show all your working
- Diagrams are **NOT** accurately drawn, unless otherwise indicated
- Calculators may not be used

2 Advice

- Read each question carefully before you start to answer it
- Try to answer every question
- Check your answers if you have time at the end
- The marks for each question are shown in brackets, this will give an indication on the time spent
- Record how long it takes you for each question

3 Information

- The marks for each Question are shown at the bottom
- Use the marks as a guide as to how much time to spend and how much working to show

Question 6: Monty works out the value of $126.39 + 647.632$, what is their answer rounded to: a) The nearest 10

.....
(Total for Question 6a is 1 marks)

b) the nearest 100

.....
(Total for Question 6b is 1 marks)

c) The nearest integer

.....
(Total for Question 6c is 1 marks)

d) To 4 significant figures

.....
(Total for Question 6d is 1 marks)

Question 7: Jane wants to fill her 64 litre tank full of petrol. The price of petrol is currently 145.43p per litre, how much money to the nearest ten should she get in order to completely fill her tank from empty?

.....
(Total for Question 7a is 2 marks)

b) What is the expected change given from this?

.....
(Total for Question 7b is 1 marks)

Question 8: Write 175439 correct to 4 significant figures

.....
(Total for Question 8 is 1 marks)

Question 9: Write 90824 correct to 2 significant figures

.....
(Total for Question 9 is 1 marks)

Number	1 s.f.	2 s.f	3 s. f	1 d.p	2 d. p
140.201					
1573.69					
248.84					
1000.001					
0.000148					
99.898					

Question 10: *Complete the table*

.....
(Total for Question 10 is 3 marks)

Question 11: *Frederick has £125.26 in 10p, 5p, 2p, £2 and 50p coins. To deposit the money in the bank he needs to place them into bags. 50p and 20p placed in bags totalling £10
5p, 10p can be placed in a bag totalling £5
£1 or £2 coins can be placed in a bag totalling £20
2p or 1p in bags in £1 in value What would be the most coins that Frederick can have and how many bags would that be?*

.....
(Total for Question 11a is 2 marks)

b) What would be the least coins that Frederick could have and how many bags would that be?

.....
(Total for Question 11b is 1 marks)

Question 12: *Priya has £1600 to the nearest hundred pounds.*

- a) What would be the least amount of money that Priya has.

.....
(Total for Question 12a is 1 marks)

- b) What would be the greatest possible amount

.....
(Total for Question 12b is 1 marks)

Question 13: *The population of beaver in a location is 1.3 hundred thousand to the nearest ten thousand.*

- a) What is the lowest number of beavers that live in this location?

.....
(Total for Question 13a is 1 marks)

- b) If the beaver population grows by 12% what would be the upper and lower amounts from the 1.3 hundred thousand?

.....
(Total for Question 13b is 3 marks)