

GCSE
Long Division

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 1: *Using the bus stop method solve*

$12 \overline{)1264}$ *Include remainders where appropriate and show your working above*

.....
(Total for Question 1 is 2 marks)

Question 2: *A student is attempting to solve the following question Their working is shown below The student has made a mistake in their working.*

Identify the specific mistake and provide the correct answer as a mixed number.

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

Question 3: *Work out*

$8 \overline{)3968}$

.....
(Total for Question 3 is 2 marks)

Question 4: *Solve*

$5 \overline{)7.8}$

Question 8a: Calculate
a) 2340 divided by 20

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

Question 8b: 2350 divided by 50

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

Question 9a: Ms Williams purchases an e-scooter that costs £1384, they pay a £100 deposit and pays the remaining balance within 7 monthly payments. Work out the cost of each monthly payment.

.....
(Total for Question 9 is 2 marks)

Question 9b: They accidentally miss a payment and have an additional £30 fee added at the end of month 3 which is added to the remaining total. What is the remaining payment at that point and the increase in monthly payment compared to part a)

.....
(Total for Question 9 is 2 marks)

Question 10: Find the change given when Finn uses £20 to purchase as many stationary sets at 70p each.

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

Question 11: Mr Zhen is a farmer. They are placing over 340 eggs into boxes. Each box holds 12 eggs. a) How many egg boxes does Mr Zhen need to put all the eggs into boxes? b) If each box costs £0.14 each and Mr Zhen is able to sell the eggs for £3.40 how much profit did he make?

.....
(Total for Question 11 is 3 marks)

Question 12: Work out, writing your answer as a decimal.

- a) 64 divided by 9
- b) 249 divided by 4
- c) 7 divided by 11

.....
(Total for Question 12 is 3 marks)