Test - Short multiplication and division

Year: Year 4 · Duration: 40 minutes · /20

Name:	Date:	**Mark: /20**

Question	1	2	3	4	5	Total
marks	4	4	4	4	4	**20**
Mark						

Show your working.

Question 1 (4 marks)

Question 1 – Multiplying by 10 and 100

Work out each answer.

a. 48 × 10 (1 mark)
b. 27 × 100 (1 mark)
c. 6 × 80 (1 mark)
d. 7 × 300 (1 mark)

Question 2 (4 marks)

Question 2 – Short multiplication

Use the short method for each calculation. Show your carrying.

a. 153 × 6 (2 marks)
b. 2 407 × 4 (2 marks)

Question 3 (4 marks)

Question 3 – Short division

Use the bus stop method.

a. 936 ÷ 4 (2 marks)
b. 275 ÷ 6, with a remainder (2 marks)

Question 4 (4 marks)

Question 4 – The cinema club

The school cinema club has 7 rows of 24 seats. Tickets cost £3 each.

a. How many seats are there? (2 marks)

b. If every seat is sold, how much money does the club collect? (2 marks)

Question 5 (4 marks)

Question 5 – Sharing and remainders

There are 100 children in Year 4. They sit at tables of 8 for a quiz. A prize is given to each table.

a. How many tables are needed? Show how you decide what to do with the remainder. (2 marks)
b. Each prize costs £6. How much do the prizes for all the tables cost? (1 mark)
c. One child says that 12 full tables of 8 hold 96 children. How many children are left without a seat? (1 mark)