Test - Formal written multiplication and division

Year: Year 5 · Duration: 40 minutes · /20

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

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

Show your working.

Question 1 (4 marks)

Question 1 – Multiplying and dividing by powers of ten

Work out. (a) 63 × 100 (b) 4,900 ÷ 100 (c) 805 × 1,000 (d) 72,000 ÷ 10

Question 2 (4 marks)

Question 2 – Written multiplication

(a) Work out 2,816 × 7.

(b) Work out 45 × 36 using long multiplication. Show your working.

(c) Estimate 62 × 29 and then find the exact answer.

Question 3 (4 marks)

Question 3 – Short division and remainders

(a) Work out 1,848 ÷ 6.

(b) Work out 1,000 ÷ 7. Write the answer with a remainder.

(c) 1,000 pencils are put in boxes of 7. How many boxes are needed for all the pencils?

Question 4 (3 marks)

Question 4 – Spot the error

Lee says that 378 × 24 = 9,972.

(a) Estimate the answer by rounding. (1 mark)

(b) Find the correct answer. (1 mark)

(c) Explain how Lee could have made his mistake. (1 mark)

Question 5 (5 marks)

Question 5 – The school disco

The school hall holds 15 tables with 12 chairs at each table for the school disco. Tickets cost £4 each.

(a) How many chairs are there? (1 mark)

(b) 168 children buy tickets. How much money is that? (1 mark)

(c) The tickets are sold in books of 25. How many full books are needed to hold 168 tickets and how many tickets are left in the last book? (2 marks)

(d) Sandwiches cost £2 for a pack of 5. How many full packs can be bought with £100? How many sandwiches is that? (1 mark)