

County Council of Durham

EDUCATION COMMITTEE.

ADMISSION OF PUPILS TO GRAMMAR SCHOOLS, 1949.

ARITHMETIC (Total Marks 100).

TUESDAY, 15TH FEBRUARY, 1949, 9-30 a.m. to 10-15 a.m.

Write your EXAMINATION NUMBER (not your name) and the name of your school at the top right hand corner of every sheet of paper used.

You may attempt all the seven questions, and answer them in any order.

Place the number of the question in the margin and leave a space after each answer.

No scrap paper may be used. To obtain full marks you must show all your working on your answer paper.

1. (a) Write down these numbers and find their sum

203
769
856
98

(5 marks).

- (b) Divide 536 by 6.

(5 marks).

- (c) $\frac{1}{3} + \frac{1}{4} + \frac{1}{6}$.

(5 marks).

- (d) $1.075 - 0.75$.

(5 marks).

2. From the product of 367 and 28 subtract 7839 (10 marks).

3. What is the cost of 56 tons of coal at £2 19s. 9d. a ton? (10 marks).

4. A family uses 3 pints of milk every day. If it costs 3s. 4d. a gallon find the total cost of their milk for the two months March and April. (15 marks).

5. An empty truck weighs 5 tons 11 cwts. and it will carry 20 tons 6 cwts. 1 qr. of coal. What is the total weight of 10 trucks of which 8 are full of coal and 2 are empty? (15 marks).

6. In a school of 245 children there are 35 more boys than girls. What is the attendance on a day when all the girls are present and one tenth of the boys are absent? (15 marks).

7. A rectangular garden 30 yards long and 20 yards wide is bounded by a close boarded fence 6 feet high, except along one of the shorter sides which is closed by a hedge. The fence is formed of boards 6 feet long and 6 inches wide costing $4\frac{1}{2}$ d. per foot. How many boards are required and how much would they cost? (15 marks).