

# County Council of Durham.

## EDUCATION COMMITTEE.

ADMISSION OF PUPILS TO GRAMMAR SCHOOLS, 1948.

### ARITHMETIC (Total Marks 100).

TUESDAY, 17TH FEBRUARY, 1948. 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

658

4807

265

1374

- (b) Divide 581 by 8.

(5 marks)

(5 marks).

2. Find the product of 496 and 47 and take it from twenty-five thousand. (12 marks).
3. 27 school bags cost £59 1s. 3d. How much is that for each bag? (14 marks).
4. A field is 89 yards long and 66 yards wide. A boy walks 5 yards every 3 seconds. How long will it take him to walk twice round the field? (Ans. in minutes and seconds). (16 marks).
5. To fill inkwells a monitor uses an inkcan holding one pint. This is equal to 20 ounces. Each inkwell holds  $\frac{1}{4}$ -ounce. If the inkcan is filled 4 times and on each round the monitor spills 3 ounces, how many inkwells does he fill? (16 marks).
6. The potato ration is 3-lbs. for each person per week. In a village live 126 people.
- (i) What quantity of potatoes (cwts., qrs.) will be required for them every 4 weeks?
- (ii) What will be the total cost at 1s. 4d. per stone? (16 marks).
7. One coil of rope contains six times the length in another coil. The difference in the lengths of the two coils is 137 yards 2-ft. 4-ins. what is the length of each coil? (16 marks).