

# **11+ MATHEMATICS (CEM GRAMMAR SCHOOLS) PAPER C**



- **COMPLETE PRACTICE TEST**
- **COMPLETE MARK SCHEME**
- **SPECIFIC TO CEM GRAMMAR SCHOOLS**
- **CREATED BY ASSESSMENT EXPERTS**

# 11+ MATHEMATICS PACK 1

## CEM GRAMMAR SCHOOL

### PRACTICE PAPER C



**Read the following instructions carefully:**

1. You have 60 minutes to complete this test of 25 questions.
2. Work as quickly and carefully as you can.
3. You can use all the available space around the question to do your working, however only write the answer in the answer boxes.
4. If you cannot answer a question, go on to the next question. You are not expected to be able to answer all of them.
5. When you have completed this paper go back to any questions you have missed out and check your answers.
6. Calculators and protractors are not permitted in this test.
7. The number in brackets is the number of marks for each question.
8. There are two sections in this test. Section A consists of 15 Short Mathematics multiple-choice questions and Section B consists of 10 additional multi-part Long Mathematics questions.

**Good luck!**

Section	Short Maths	Long Maths
Marks		
Totals	30	20

### Section 1: Short Mathematics

Q1)

In a sale, the prices of all goods are reduced by 30%.

If the price of a TV originally costs £300, what is the new price in the sale? (2 Marks)

A	B	C	D	E
£90	£390	£210	£200	£150

Q2)

Calculate  $\frac{3}{5}$  of 85. (2 Marks)

A	B	C	D	E
64	51	24	17	72

Q3)

What is the sum of all prime numbers between 20 and 30? (2 Marks)

A	B	C	D	E
12	45	16	52	55

Q4)

In a 6-a-side dodge ball tournament there are 216 children competing.

How many teams will be competing? (2 Marks)

A	B	C	D	E
42	36	24	12	35