

## Westminster School Challenge

### Mental Test

5 minutes

There are five questions in this test.

Each question will be read twice. You will then be given an appropriate time to record your answer.

No other repetitions or explanations will be given

THESE QUESTIONS ARE TO BE DONE MENTALLY.

YOU MAY NOT DO ANY ROUGH WORKING.

WRITE YOUR ANSWERS IN THE BOXES PROVIDED.

DO NOT WRITE ANYTHING ELSE ON THE ANSWER PAPER.

- 1 What is eleven times sixteen?
- 2 Subtract fifty four from one hundred and thirty-two.
- 3 What is forty percent of thirty-five?
- 4 What is the sum of two thirds and five sixths?
- 5 What is six squared divided by twelve squared, as a fraction in its lowest terms?

**Westminster School Challenge**

Name

**Calculation Test**

**10 minutes**

ANSWER EACH QUESTION IN THE SPACE PROVIDED.  
SHOW ALL YOUR WORKING.

1 Calculate  $144 - 27 + 57 - 52 + 32 + 156$ .

Answer 1

2 How many minutes are there between 9:50 a.m. and 2:15 p.m. (on the same day)?

Answer 2

3 What is 133 as a percentage of 175.

Answer 3

4 An object has density 19 grams per cubic centimetre and volume 23 cubic centimetres.  
What is its mass?

Answer 4

**TURN OVER**

5 What is  $8\frac{3}{4} \div 1\frac{2}{3}$ ?

Answer 5

6 What is 75% of 80% of £13.50

Answer 6

**FOR QUESTIONS 7 and 8, you are given that**  
 **$85 \times 74 = 6290$**

7 Calculate  $85 \times 76$ .

Answer 7

8 Calculate  $6.29 \div 8.5$ .

Answer 8

**Westminster School Challenge**

**Mental Test**

Name
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THESE QUESTIONS ARE TO BE DONE MENTALLY.  
YOU MAY NOT DO ANY ROUGH WORKING.  
Write your answers in the boxes provided.  
Write your name and candidate number at the top of the page.  
DO NOT WRITE ANYTHING ELSE ON THIS ANSWER PAPER.

<b>1</b>	
<b>2</b>	
<b>3</b>	
<b>4</b>	
<b>5</b>	