## Westminster School Challenge

## Mental Test 2022

## THIS PAGE SHOULD NOT BE GIVEN TO CANDIDATES

## Instructions to examiner:

There are five questions in this test.
Read each question twice.
Then give candidates 30 seconds to record their answer.
No other repetitions or explanations will be given.

## Before starting the test read the following instructions to candidates:

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.
EACH QUESTION WILL BE READ TWICE AND THEN YOU WILL BE GIVEN AN APPROPRIATE TIME TO RECORD YOUR ANSWER.

## Questions:

1 If you bought three lollies at sixty-eight pence each, how much change would you get from a five pound note?

2 What is seventeen, as a percentage of twenty?
3 Subtract sixty-six from three hundred and twenty-seven.
4 What is nought point eight squared?
5 Find the sum of two fifths and two twenty-fifths.

# Westminster School Challenge 

## Mental Test

## Answer Sheet

Name

Each question will be read TWICE. You will then be given an appropriate amount of 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.
Write your name and candidate number at the top of the page.
DO NOT WRITE ANYTHING ELSE ON THIS ANSWER PAPER.

| 1 |  |
| :---: | :--- |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |


| Westminster School Challenge | Name |
| :--- | :--- |
| Calculation Test |  |
| 10 minutes |  |

ANSWER EACH QUESTION IN THE SPACE PROVIDED.

1 Calculate $1672-518+187$
Answer 1

2 What is the remainder when 3106 is divided by 12 ?
Answer 2

3 Increase 13 by $5 \%$. Give your answer as a decimal.
Answer 3

4 Find $156 \div 0.12$

5 Calculate $3 \frac{1}{7} \times \frac{1}{2}-1 \frac{3}{4}$.
Answer 5

6 Write the fraction $\frac{1530}{2022}$ in its simplest form.

7 A rectangle has area $272 \mathrm{~cm}^{2}$ and one side is 16 cm . Find its perimeter.

8 Given that 4913 is an exact cube, find its cube root.

