

Numeracy



INSTRUCTIONS



YOU HAVE 17 MINUTES TO COMPLETE THE FOLLOWING SECTION.

YOU HAVE 28 QUESTIONS TO COMPLETE WITHIN THE TIME GIVEN.

EXAMPLES

Example 1

Calculate $53 - 42$

A 12 **B** 1 **C** 4 **D** 5 **E** 11

The correct answer is E. This has already been marked in Example 1 in the Numeracy section of your answer sheet.

Practice Question 1

Calculate $95 - 75$

A 21 **B** 20 **C** 19 **D** 18 **E** 13

The correct answer is B. Please mark this in Practice Question 1 in the Numeracy section of your answer sheet.

STOP AND WAIT FOR FURTHER INSTRUCTIONS



① $36,048 \div 12$

A 3,040 **B** 304 **C** 4,003 **D** 3,004 **E** 34

② $12^2 - 11^2$

A 144 **B** 23 **C** 133 **D** 10 **E** 165

- ③ $\frac{1}{3}$ of 294
A 102 **B** 97 **C** 96 **D** 9 **E** 98
- ④ What is the size of each interior angle in a pentagon?
A 72° **B** 62° **C** 105° **D** 108° **E** 150°
- ⑤ Find a , if $b = 2a - 4$ and $b = 4$
A 0 **B** 8 **C** 4 **D** 2 **E** 1
- ⑥ If $b = 8$, find a using the following equation:
 $8a - b = 0$
A 8 **B** 2 **C** 0 **D** 1 **E** 4
- ⑦ Find the missing number marked by?
 $5 \times 3 + ? = 20$
A 1 **B** 5 **C** 4 **D** 17 **E** 10
- ⑧ Find the missing number marked by?
 $8 \times ? - 8 = 72$
A 1 **B** 10 **C** 5 **D** 8 **E** 17
- ⑨ Find the missing number marked by?
 $? + 5 \times 3 = 30$
A 1 **B** 5 **C** 2 **D** 4 **E** 15
- ⑩ If wrapping paper costs £1.50 per metre, how many rolls can I buy for £10? Each roll is 3 m long.
A 6 **B** 3 **C** 2 **D** 15 **E** 30

