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Centre Number

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Student Number

2025 TESTIFI EXAMINATION

Multiples of Negative Integers

**General
Instructions**

- Reading time – 5 minutes
- Working time – 20 minutes
- Write using black pen
- Calculators approved by NESA may be used
- A reference sheet is provided at the back of this paper
- For questions in Section II, show relevant mathematical reasoning and/or calculations
- Write your Centre Number and Student Number at the top of this page

**Total marks:
12****Section I – 2 marks**

- Attempt Questions 1–2

Section II – 10 marks

- Attempt Questions 3–8

Section I

2 marks

Attempt Questions 1–2

Allow about 15 minutes for this section

Use the multiple-choice answer sheet for Questions 1–2.

- 1** A diver descends 4 metres each minute for 6 minutes. Which repeated addition correctly represents the total change in elevation?
- A. $4 + 4 + 4 + 4 + 4 + 4$
 - B. $(-6) + (-6) + (-6) + (-6)$
 - C. $(-4) + (-4) + (-4) + (-4) + (-4) + (-4)$
 - D. $6 + 6 + 6 + 6$
- 2** Sarah wrote that $5 \times (-3) = (-3) + (-3) + (-3)$. What error did she make?
- A. She used positive 3 instead of negative 3
 - B. She used only 3 terms instead of 5 terms
 - C. She should have written multiplication instead of addition
 - D. She reversed the order of the numbers

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Centre Number

Multiples of Negative Integers

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Student Number

Section II Answer Booklet

10 marks

Attempt Questions 3–8

Instructions

- Write your Centre Number and Student Number at the top of this page.
- Answer the questions in the spaces provided. These spaces provide guidance for the expected length of response.
- Your responses should include relevant mathematical reasoning and/or calculations.
- Extra writing space is provided at the back of this booklet. If you use this space, clearly indicate which question you are answering.

Please turn over

Question 3 (1 marks)

1

Write -7×3 as a repeated addition expression.

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Question 4 (1 marks)

1

Express -4×3 as repeated addition.

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Question 5 (1 marks)

1

Write -2×5 as a repeated addition expression.

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Question 6 (2 marks)

2

Write -5×4 as repeated addition, then calculate the result.

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Question 7 (2 marks)

2

Express -3×5 as repeated addition and find the answer.

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Question 8 (3 marks)

3

Write the repeated addition expression $(-8) + (-8) + (-8) + (-8) + (-8)$ as a multiplication, then calculate the result.

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End of paper