



2025 TESTIFI EXAMINATION

Applying the Four Operations

Solutions and Marking Guidelines

Section I

2 marks

Questions 1–2

Question 1 (1 mark)

1

C

Following order of operations, first multiply: $12 \times 3 = 36$. Then calculate left to right: $-8 + 36 - 15 = 28 - 15 = 13$.

Question 2 (1 mark)

1

B

Following order of operations, first perform division and multiplication: $-24 \div 6 = -4$ and $3 \times 7 = 21$. Then calculate left to right: $-4 + 18 - 21 + 12 = 14 - 21 + 12 = -7 + 12 = 5$.

Section II

10 marks

Questions 3–10

Question 3 (1 marks)	1
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$$-7 + 12 = 5$$

Question 4 (1 marks)	1
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$$15 - (-8) = 15 + 8 = 23$$

Question 5 (1 marks)	1
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$$-4 \times 6 = -24$$

Question 6 (1 marks)	1
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$$-18 \div (-3) = 6$$

Question 7 (1 marks)	1
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$$9 + (-14) = 9 - 14 = -5$$

Question 8 (1 marks)	1
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$$-5 \times (-7) = 35$$

Question 9 (2 marks)	2
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When dividing a positive number by a negative number, the result is negative. $16 \div (-4) = -4$

Question 10 (2 marks)	2
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When subtracting a positive number from a negative number, we add the absolute values and keep the negative sign. $-11 - 8 = -(11 + 8) = -19$