



امتحان نهاية الفصل الدراسي الأول 2025/2024 – الجزء الورقي

End of Term 1 Exam 2024/2025 – Paper Part

|                         |                |            |
|-------------------------|----------------|------------|
|                         | Student Number | رقم الطالب |
|                         | Student Name   | اسم الطالب |
|                         | School         | المدرسة    |
| 8                       | Class          | الصف       |
| Advanced / المتقدم      | Stream         | المسار     |
| Mathematics / الرياضيات | Subject        | المادة     |
| Reveal                  |                |            |

This table must be filled in accurately by the marking committee

يملأ هذا الجدول بدقة تامة من قبل لجنة التقدير

| المراجع<br>Reviewer |                | المقّدر 2<br>Marker 2 |                | المقّدر 1<br>Marker 1 |                | رقم السؤال<br>Question No. |
|---------------------|----------------|-----------------------|----------------|-----------------------|----------------|----------------------------|
| الاسم<br>Name       | الدرجة<br>Mark | الاسم<br>Name         | الدرجة<br>Mark | الاسم<br>Name         | الدرجة<br>Mark |                            |
|                     |                |                       |                |                       |                | Q.(1)                      |
|                     |                |                       |                |                       |                | Q.(2)                      |
|                     |                |                       |                |                       |                | Q.(3)                      |
|                     |                |                       |                |                       |                | Q.(4)                      |
|                     |                |                       |                |                       |                | Q.(5)                      |

| المراجع<br>Reviewer  |               | المقّدر<br>Marker    |               | المجموع<br>Total |
|----------------------|---------------|----------------------|---------------|------------------|
| التوقيع<br>Signature | الاسم<br>Name | التوقيع<br>Signature | الاسم<br>Name |                  |
|                      |               |                      |               | 40               |

|                                                    |
|----------------------------------------------------|
| <b>Paper Part</b>                                  |
| Show all your work when answering these questions. |

| Question | 1 |
|----------|---|
|----------|---|

An investment firm holds a starting balance of \$ 850,000 in its corporate account. By the end of the week, \$  $6.2 \times 10^4$  was deposited by clients.

- a) How much does the firm have in total at the end of the week?  
 Explain your answer.

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- b) Write your answer in scientific notation.

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### Question

2

If the area of a square is 38 square feet, estimate the length of each side of the square to the nearest tenth.

Handwriting practice sheet with dotted lines for tracing and writing.

## Question

3

- a) Write one rational number and one irrational number that lie between 2 and 3

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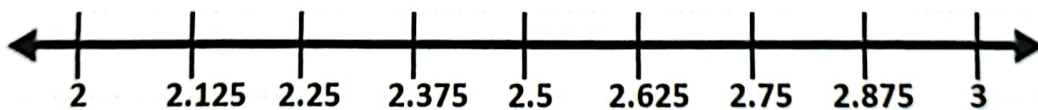
- b) Write an inequality to compare the two numbers obtained above.

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- c) Graph the numbers obtained above on the number line.



### Question

4

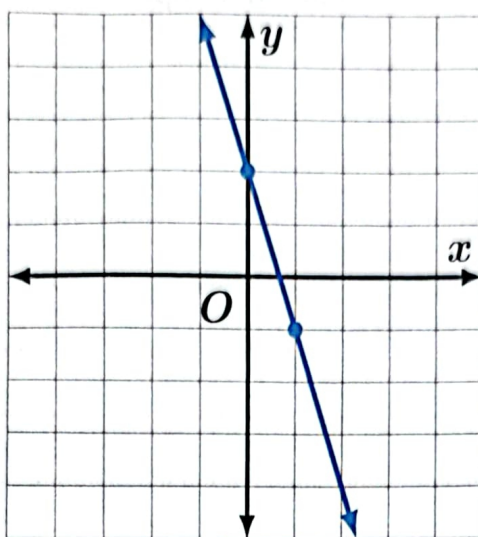
**Solve the equation and check your solution.**

$$7x + 12 = x - 6$$

1. *Write the number of the first number in the first column.*  
 2. *Write the number of the second number in the second column.*  
 3. *Write the number of the third number in the third column.*  
 4. *Write the number of the fourth number in the fourth column.*  
 5. *Write the number of the fifth number in the fifth column.*  
 6. *Write the number of the sixth number in the sixth column.*  
 7. *Write the number of the seventh number in the seventh column.*  
 8. *Write the number of the eighth number in the eighth column.*  
 9. *Write the number of the ninth number in the ninth column.*  
 10. *Write the number of the tenth number in the tenth column.*  
 11. *Write the number of the eleventh number in the eleventh column.*  
 12. *Write the number of the twelfth number in the twelfth column.*  
 13. *Write the number of the thirteenth number in the thirteenth column.*  
 14. *Write the number of the fourteenth number in the fourteenth column.*  
 15. *Write the number of the fifteenth number in the fifteenth column.*  
 16. *Write the number of the sixteenth number in the sixteenth column.*  
 17. *Write the number of the seventeenth number in the seventeenth column.*  
 18. *Write the number of the eighteenth number in the eighteenth column.*  
 19. *Write the number of the nineteenth number in the nineteenth column.*  
 20. *Write the number of the twentieth number in the twentieth column.*  
 21. *Write the number of the twenty-first number in the twenty-first column.*  
 22. *Write the number of the twenty-second number in the twenty-second column.*  
 23. *Write the number of the twenty-third number in the twenty-third column.*  
 24. *Write the number of the twenty-fourth number in the twenty-fourth column.*  
 25. *Write the number of the twenty-fifth number in the twenty-fifth column.*  
 26. *Write the number of the twenty-sixth number in the twenty-sixth column.*  
 27. *Write the number of the twenty-seventh number in the twenty-seventh column.*  
 28. *Write the number of the twenty-eighth number in the twenty-eighth column.*  
 29. *Write the number of the twenty-ninth number in the twenty-ninth column.*  
 30. *Write the number of the thirtieth number in the thirtieth column.*  
 31. *Write the number of the thirty-first number in the thirty-first column.*  
 32. *Write the number of the thirty-second number in the thirty-second column.*  
 33. *Write the number of the thirty-third number in the thirty-third column.*  
 34. *Write the number of the thirty-fourth number in the thirty-fourth column.*  
 35. *Write the number of the thirty-fifth number in the thirty-fifth column.*  
 36. *Write the number of the thirty-sixth number in the thirty-sixth column.*  
 37. *Write the number of the thirty-seventh number in the thirty-seventh column.*  
 38. *Write the number of the thirty-eighth number in the thirty-eighth column.*  
 39. *Write the number of the thirty-ninth number in the thirty-ninth column.*  
 40. *Write the number of the fortieth number in the fortieth column.*  
 41. *Write the number of the forty-first number in the forty-first column.*  
 42. *Write the number of the forty-second number in the forty-second column.*  
 43. *Write the number of the forty-third number in the forty-third column.*  
 44. *Write the number of the forty-fourth number in the forty-fourth column.*  
 45. *Write the number of the forty-fifth number in the forty-fifth column.*  
 46. *Write the number of the forty-sixth number in the forty-sixth column.*  
 47. *Write the number of the forty-seventh number in the forty-seventh column.*  
 48. *Write the number of the forty-eighth number in the forty-eighth column.*  
 49. *Write the number of the forty-ninth number in the forty-ninth column.*  
 50. *Write the number of the fiftieth number in the fiftieth column.*  
 51. *Write the number of the fifty-first number in the fifty-first column.*  
 52. *Write the number of the fifty-second number in the fifty-second column.*  
 53. *Write the number of the fifty-third number in the fifty-third column.*  
 54. *Write the number of the fifty-fourth number in the fifty-fourth column.*  
 55. *Write the number of the fifty-fifth number in the fifty-fifth column.*  
 56. *Write the number of the fifty-sixth number in the fifty-sixth column.*  
 57. *Write the number of the fifty-seventh number in the fifty-seventh column.*  
 58. *Write the number of the fifty-eighth number in the fifty-eighth column.*  
 59. *Write the number of the fifty-ninth number in the fifty-ninth column.*  
 60. *Write the number of the sixtieth number in the sixtieth column.*  
 61. *Write the number of the sixty-first number in the sixty-first column.*  
 62. *Write the number of the sixty-second number in the sixty-second column.*  
 63. *Write the number of the sixty-third number in the sixty-third column.*  
 64. *Write the number of the sixty-fourth number in the sixty-fourth column.*  
 65. *Write the number of the sixty-fifth number in the sixty-fifth column.*  
 66. *Write the number of the sixty-sixth number in the sixty-sixth column.*  
 67. *Write the number of the sixty-seventh number in the sixty-seventh column.*  
 68. *Write the number of the sixty-eighth number in the sixty-eighth column.*  
 69. *Write the number of the sixty-ninth number in the sixty-ninth column.*  
 70. *Write the number of the seventieth number in the seventieth column.*  
 71. *Write the number of the seventy-first number in the seventy-first column.*  
 72. *Write the number of the seventy-second number in the seventy-second column.*  
 73. *Write the number of the seventy-third number in the seventy-third column.*  
 74. *Write the number of the seventy-fourth number in the seventy-fourth column.*  
 75. *Write the number of the seventy-fifth number in the seventy-fifth column.*  
 76. *Write the number of the seventy-sixth number in the seventy-sixth column.*  
 77. *Write the number of the seventy-seventh number in the seventy-seventh column.*  
 78. *Write the number of the seventy-eighth number in the seventy-eighth column.*  
 79. *Write the number of the seventy-ninth number in the seventy-ninth column.*  
 80. *Write the number of the eightieth number in the eightieth column.*  
 81. *Write the number of the eighty-first number in the eighty-first column.*  
 82. *Write the number of the eighty-second number in the eighty-second column.*  
 83. *Write the number of the eighty-third number in the eighty-third column.*  
 84. *Write the number of the eighty-fourth number in the eighty-fourth column.*  
 85. *Write the number of the eighty-fifth number in the eighty-fifth column.*  
 86. *Write the number of the eighty-sixth number in the eighty-sixth column.*  
 87. *Write the number of the eighty-seventh number in the eighty-seventh column.*  
 88. *Write the number of the eighty-eighth number in the eighty-eighth column.*  
 89. *Write the number of the eighty-ninth number in the eighty-ninth column.*  
 90. *Write the number of the ninetieth number in the ninetieth column.*  
 91. *Write the number of the ninety-first number in the ninety-first column.*  
 92. *Write the number of the ninety-second number in the ninety-second column.*  
 93. *Write the number of the ninety-third number in the ninety-third column.*  
 94. *Write the number of the ninety-fourth number in the ninety-fourth column.*  
 95. *Write the number of the ninety-fifth number in the ninety-fifth column.*  
 96. *Write the number of the ninety-sixth number in the ninety-sixth column.*  
 97. *Write the number of the ninety-seventh number in the ninety-seventh column.*  
 98. *Write the number of the ninety-eighth number in the ninety-eighth column.*  
 99. *Write the number of the ninety-ninth number in the ninety-ninth column.*  
 100. *Write the number of the hundredth number in the hundredth column.*

Question

5



- a) Find the y-intercept of the graph shown above.

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- b) Write an equation in slope-intercept form for the graph shown above.

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