I.Ответы:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 0 | 0 | 0 | 0 | ±1 | ±9 | ±√7 | ±$\frac{5}{3}$ |

II

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| ±8 | ±6 | нет реш | ±√5 | ±4 | ±6,5 | ±0,2 | ±√5 | ±0,25 | нет реш |

III

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0;9 | 0;7 | 0;-6 | 0;1/9 | 0;1/7 | 0;-1/6 | 0; -2,5 | 0;2 | 0;0,2 | 0;2 |

Iᴠ.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2 | нет | 1 | 2 | 2 | нет | 1 | 2 | 2 | нет |

ᴠ

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| -4/3;2 | нет реш | -1,5;5 | -1; -2/3 | 0,4;2 | 2/3;1 | 0,5;1 | -20/17;1 | -0,998;1 | 4/15;1 |

ᴠI

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |
| -6;2 | -5;3 | -6;-2 | 3;4 | 3;8 |

ᴠII

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |
| -3/8;0 | ±√10 | ±3√2 | ±2 | -2,5;2 |

ᴠIII

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |
| (1/3;1) | (-16/9;1) | (-∞;1)U(14;+∞) | (-∞;0,5) U(3; +∞) | -3 |

IX

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | 2 | 3 | 4 |
| (2;3) | [-4/7;4/7]  | (-∞;-2/3) U (5;+∞) | [-0,5;0,5] |

X

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |
| (-∞;-7) U (3;+∞) | (-2;4] | [-5;10) | (-∞;-1) U (3;12) | (-2;5] U [7;+∞)  |