**III Irracionális egyenletek**

Oldjuk meg a következő irracionális egyenleteket:

1. [Megoldás](#III1)
2. [Megoldás](#III2)
3. [Megoldás](#III3)
4. [Megoldás](#III4)
5. [Megoldás](#III5)
6. [Megoldás](#III6)
7. [Megoldás](#III7)
8. [Megoldás](#III8)
9. [Megoldás](#III9)
10. [Megoldás](#III10)
11. [Megoldás](#III11)
12. [Megoldás](#III12)
13. [Megoldás](#III13)
14. [Megoldás](#III14)
15. [Megoldás](#III15)
16. [Megoldás](#III16)
17. [Megoldás](#III17)
18. [Megoldás](#III18)
19. [Megoldás](#III19)
20. [Megoldás](#III20)
21. [Megoldás](#III21)
22. [Megoldás](#III22)
23. [Megoldás](#III23)
24. [Megoldás](#III24)
25. [Megoldás](#III25)
26. [Megoldás](#III26)
27. [Megoldás](#III27)
28. [Megoldás](#III28)
29. [Megoldás](#III29)
30. [Megoldás](#III30)
31. [Megoldás](#III31)
32. [Megoldás](#III32)
33. [Megoldás](#III33)
34. [Megoldás](#III34)
35. [Megoldás](#III35)
36. [Megoldás](#III36)
37. [Megoldás](#III37)
38. [Megoldás](#III38)
39. [Megoldás](#III39)
40. [Megoldás](#III40)
41. [Megoldás](#III41)
42. [Megoldás](#III42)
43. [Megoldás](#III43)
44. [Megoldás](#III44)
45. [Megoldás](#III45)
46. [Megoldás](#III46)
47. [Megoldás](#III47)
48. [Megoldás](#III48)
49.  [Megoldás](#III49)
50.  [Megoldás](#III50)
51. 
52. 
53. 
54. 
55. 
56. 
57.   M = 
58.  
59.  M = {-7 ; 5}
60. 
61.  M={-6;6}
62.  M=
63.  
64.  M= {3}
65.  M={1;6}
66.  ; 
67. 
68. 
69.  M={8}
70. 
71. 
72. 
73. 
74. 
75. 
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77. 
78. 
79. 

Kitűzött feladatok

**III Irracionális egyenletek-Megoldások**

|  |  |
| --- | --- |
| Feladat sorszám | Megoldás |
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| --- | --- |
| x |   |
|  | + + + + + + + + |

Ellenőrzés: |
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| --- | --- |
| x |     |
|  | + + 0 - - 0 + + |

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| x |     |
|  | + + 0 - - 0 + + |

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| x |     |
|  | + + 0 - - 0 + + |

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| x |   |
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| x |  -1  |
|  | + + + 0 + + + |

Ellenőrzés: |
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| x |  2  |
|  | + + + 0 + + + |

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| x |     |
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1. M = ø
2. M = {4}
3. M = ø
4. M = ø
5. M = {3}
6. M = {2}
7. M = {-2}
8. M = {2}
9. M = ø
10. M = {1}
11. M = {4}
12. M = {-1}
13. M = {5}
14. M = {3}
15. M = ø
16. M = ø
17. M = {-5}
18. M = {4}
19. M = ø
20. M = {5}
21. M = {5}
22. M = ø
23. M = ø
24. M = ø
25. M = ø
26. M = ø
27. M = {1}
28. M = {5}
29. M = [0,5 ;+∞)
30. M = ø
31. M = ø
32. M = {2}
33. M = {2}
34. M = ø
35. M = ø
36. M = ø
37. M = ø
38. M = {-1}
39. M = {-1}
40. M = ø
41. M = {4}
42. M = {4}
43. M = {0}
44. M = ø
45. M = {0}
46. M = {-5}
47. M = {3}
48. M = {5}
49. M = {3}
50. M = ø
51. M = ø
52. M = ø
53. M = {4}
54. M = ø
55. M = ø
56. M = ø
57. M = {1}
58. M = {1}
59. M = ø
60. M = ø
61. M = {5}
62. M = {4}
63. M = [1;+∞)
64. M = ø
65. M = ø
66. M = {1}
67. M = ø
68. M = ø
69. M = ø
70. M = ø
71. M = {1}
72. M = ø
73. M = ø
74. M = ø
75. M = ø
76. M = ø
77. M = ø
78. M = ø
79. M = ø
80. M = {1}
81. M = ø
82. M = {1}
83. M = {5}
84. M = {4}
85. M = {-1}
86. M = ø
87. M = ø
88. M = {0}
89. M = {4}
90. M = ø
91. M = ø
92. M = {2}
93. M = ø
94. M = {2}
95. M = {2}
96. M = {5}
97. M = {1}
98. M = {1}
99. M = ø
100. M = ø
101. M = ø
102. M = {2}
103. M = ø
104. M = ø
105. M = {1}
106. M = ø
107. M = ø
108. M = {4}
109. M = ø
110. M = {1}
111. M = {-4}
112. M = {5}
113. M = {3}
114. M = ø
115. M = {4}
116. M = ø
117. M = ø
118. M = ø
119. M = {1}
120. M = ø
121. M = ø
122. M = ø
123. M = {-2}
124. M = {3}
125. M = ø
126. M = {3}
127. M = ø
128. M = {1}
129. M = ø
130. M = {3}
131. M = {3}
132. M = ø
133. M = {4}
134. M = {5}
135. M = {1}
136. M = {3}
137. M = {2}
138. M = ø
139. M = {5}
140. M = {-1}
141. M = {0}
142. M = {5}
143. M = {1}
144. M = ø
145. M = ø
146. M = {2}
147. M = ø
148. M = ø
149. M = ø
150. M = ø