Exercise 3

# A)

1. Halving game

A black screen with white text

Description automatically generated

1. Bucket game

A black screen with white text

Description automatically generated

1. Tic-tac-toe
2. |   |
3. - + - + -
4. |   |
5. - + - + -
6. |   |
7. It is P1's turn to move
8. Player 1 (x) action...
9. x |   |
10. - + - + -
11. |   |
12. - + - + -
13. |   |
14. It is P2's turn to move
15. Player 2 (o) action...
16. x |   |
17. - + - + -
18. | o |
19. - + - + -
20. |   |
21. It is P1's turn to move
22. Player 1 (x) action...
23. x | x |
24. - + - + -
25. | o |
26. - + - + -
27. |   |
28. It is P2's turn to move
29. Player 2 (o) action...
30. x | x | o
31. - + - + -
32. | o |
33. - + - + -
34. |   |
35. It is P1's turn to move
36. Player 1 (x) action...
37. x | x | o
38. - + - + -
39. | o |
40. - + - + -
41. x |   |
42. It is P2's turn to move
43. Player 2 (o) action...
44. x | x | o
45. - + - + -
46. o | o |
47. - + - + -
48. x |   |
49. It is P1's turn to move
50. Player 1 (x) action...
51. x | x | o
52. - + - + -
53. o | o | x
54. - + - + -
55. x |   |
56. It is P2's turn to move
57. Player 2 (o) action...
58. x | x | o
59. - + - + -
60. o | o | x
61. - + - + -
62. x | o |
63. It is P1's turn to move
64. Player 1 (x) action...
65. x | x | o
66. - + - + -
67. o | o | x
68. - + - + -
69. x | o | x
70. The game is a draw

# B)



