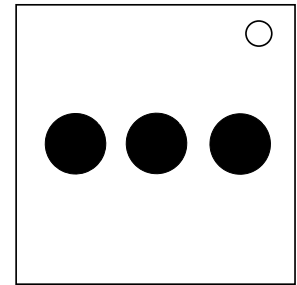


On the Subject of Valves

Um... Where do I blow the air?



1. ●●○
 2. ●●●
 3. ○○●
 4. ○○○
 5. ●○○
 6. ○○○
 7. ○○●
 8. ○●●
 9. ○●○
 10. ●●○
 11. ○●●
 12. ●○○
 13. ○○●
 14. ○●●
 15. ●○○
 16. ○○○
 17. ●●○
 18. ●●●
 19. ○●●
 20. ●●●
 21. ●●○
 22. ○●○
 23. ●○○
 24. ○○○
 25. ○●○
 26. ○●●
 27. ○●○
 28. ●●○
 29. ○○●
 30. ●●●
 31. ○○○
 32. ○○●
 33. ●●●
 34. ○●○
 35. ●○●
 36. ●●○
- There are 3 valves on the module. This is the module combination. To solve the module, submit the final combination.
 - Start by adding up the digits in the serial number.
 - If this sum is 0, the target combination is ●○○.
 - Otherwise, find the current combination in that position in the list on the left.
 - Examine the 1st character of the serial number.
 - If it is a number, move that many places backwards through the list.
 - If it is a letter, take its alphabetic position (A = 1, B = 2, etc.) modulo 10 and move that many places down the list.
 - Wrap around to the beginning or end of the table when needed.
 - If none of the valves in the combination you land on match the same valve in the current combination, move a space in the same direction.
 - If exactly 1 of the valves matches the same valve in the current combination, invert that valve.
 - Otherwise, if exactly 2 of the valves matches the same valve in the current combination, invert the remaining valve.
 - Otherwise, if the valves match the current combination exactly, this is the target combination. Do not move on to other serial number characters.
 - Repeat these steps with the rest of the serial number characters, using the new combination as the new current combination.
 - After processing all serial number characters, the current combination is now the target combination.
 - After finding the target combination, use the module combination and follow the rules below.
 - If the material of the valves on the module is silver, then toggle the entire target combination.
 - Finally, if a valve is black in the module combination, then toggle that valve in the target combination to get the final combination.
 - To enter the solution, press down every valve in the final combination that is black. 3 seconds after any valve is pressed, the module will submit its state.