

Introduction

Math Path Puzzles are a delightfully fun way to stretch your critical thinking skills while exercising your knowledge of basic math facts. Each puzzle has one or more parts missing in the path from the beginning number to the end number. Your job is to fill in the missing part or parts. The missing parts may be: numbers (only positive whole numbers are used) and/or operations (+, -, $\times$, or $\div$).

Puzzles 1-15 are intended primarily as warm-ups to help you become comfortable with the path format. They require only computational skills. The remaining puzzles necessitate logical problem solving and critical thinking skills, as well as computational skills, in order to find the solution.

Some puzzles use only addition and subtraction and may be enjoyed by students who are not yet familiar with multiplication and division. These puzzles are #1-10 and #16-30.

Unless otherwise stated, the puzzles have a unique solution. These are found in the Solution Key at the end of the book. To make it easier for you to solve the puzzles, space has been given below each one for you to show your work.

Hope you have fun with these puzzles.

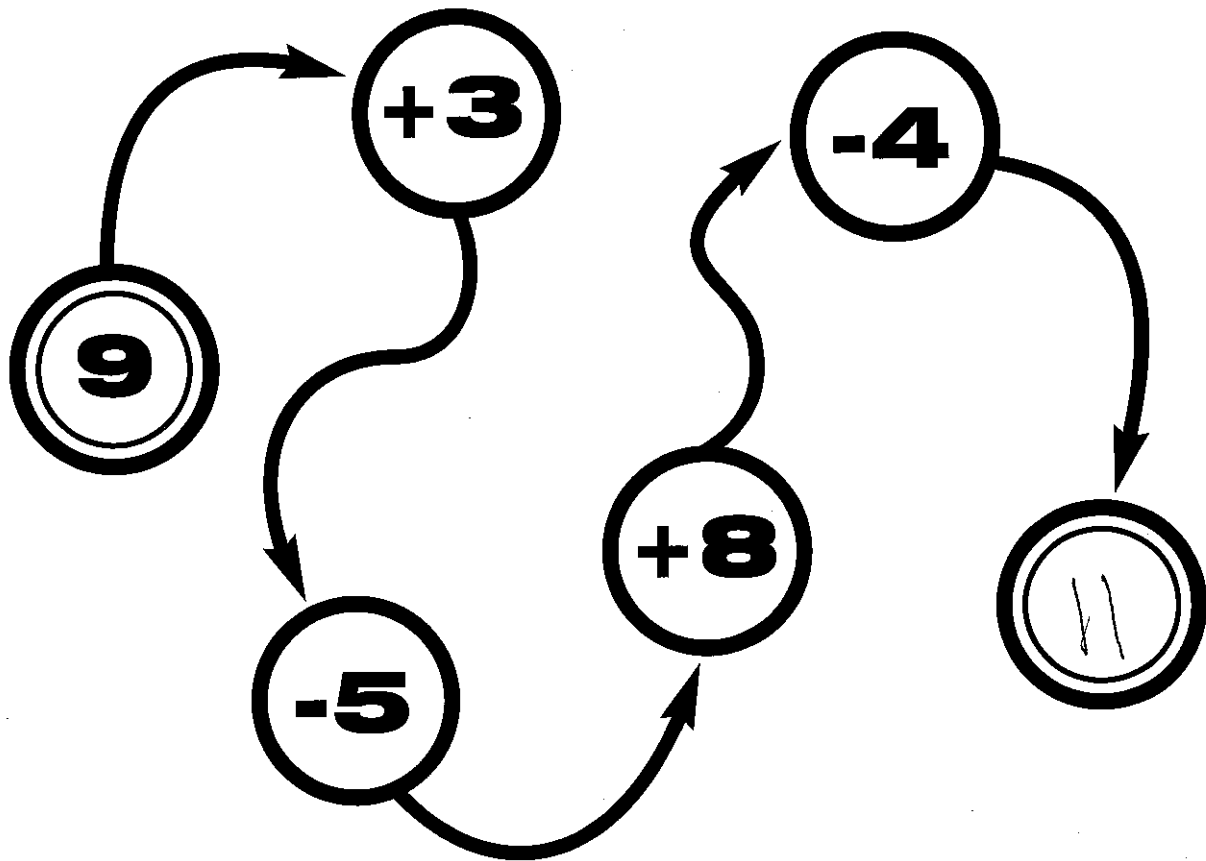
Evelyn

A word about the author:

Evelyn has undergraduate and masters degrees in mathematics, specialist and doctoral degrees in mathematics education, and both regular and Montessori certification. She has taught at the elementary, middle school, high school, college, and graduate school levels. She is currently teaching kindergarten because that's her favorite age. As a parent of three, she has had much experience providing children with stimulating educational activities, not only in the classroom, but also in the home. She is the author of several other puzzle books, in addition to the Math Path Puzzles series.

"This book is dedicated to all my nieces and nephews and to a caring God who provides light for our paths." —*Evelyn B. Christensen*

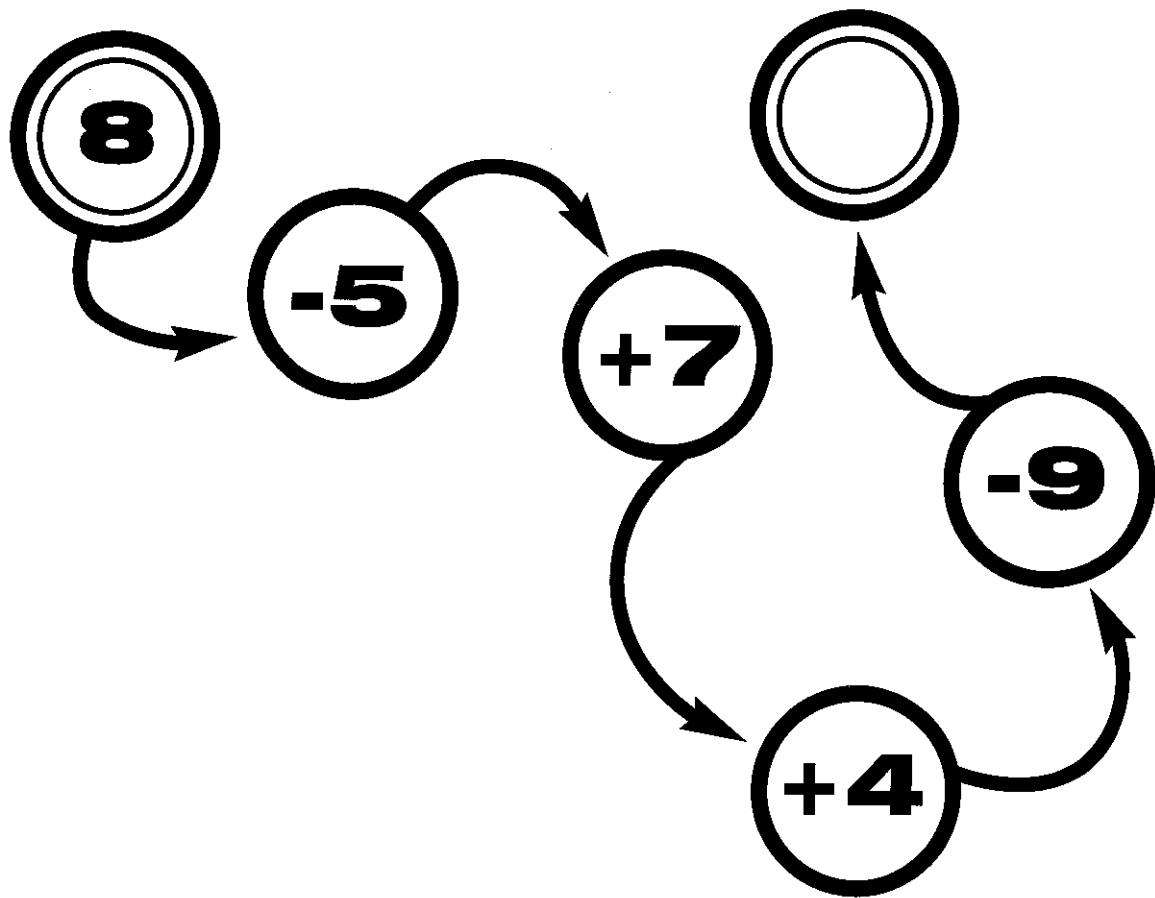
MATH PATH PUZZLE #1 LEVEL A



Show your work here:

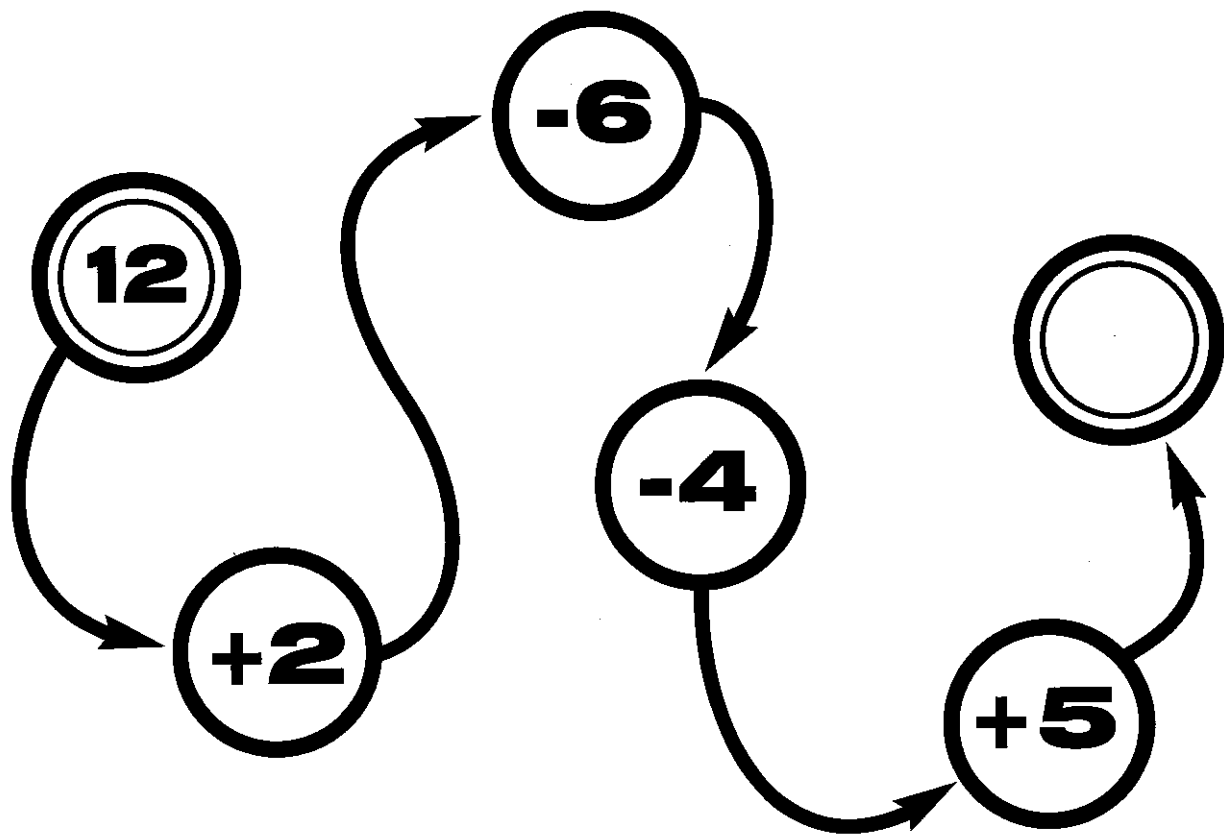
$$9 + 3 = 12 - 5 = 7 + 8 = 15 - 4 = 11$$

MATH PATH PUZZLE #2 LEVEL A



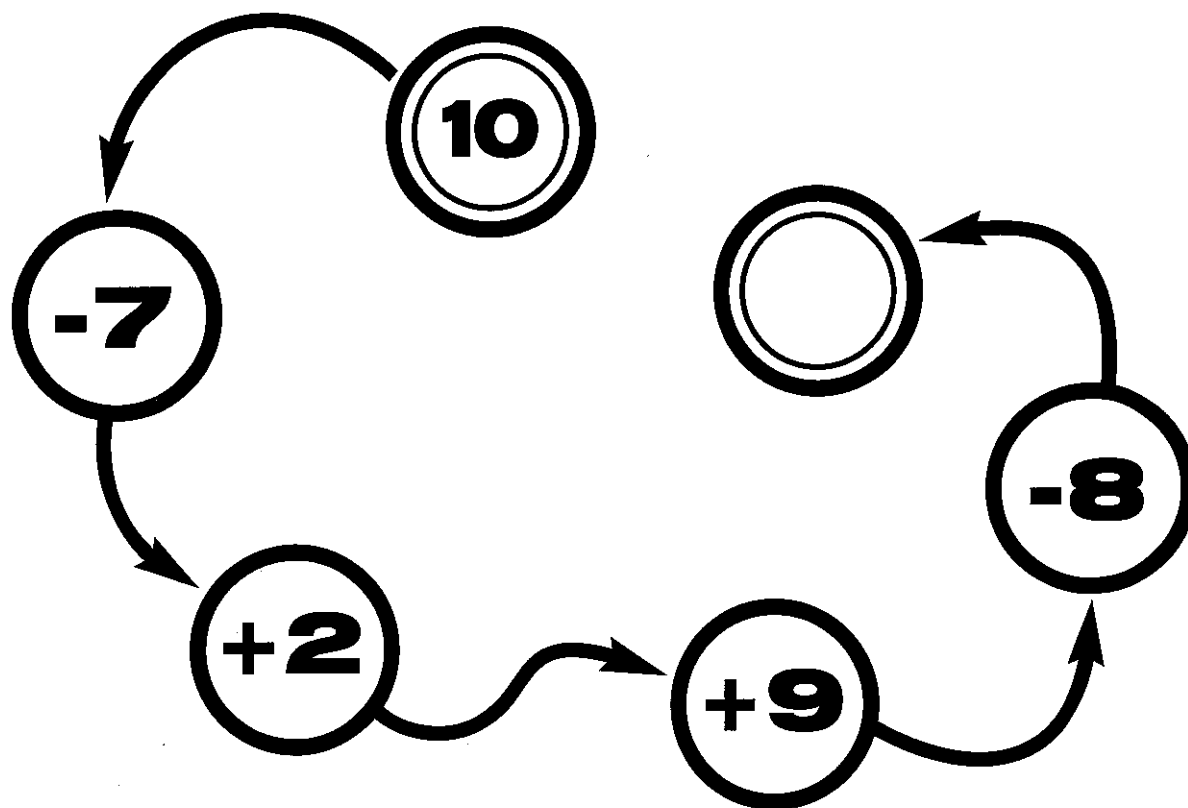
Show your work here:

MATH PATH PUZZLE #3 LEVEL 4



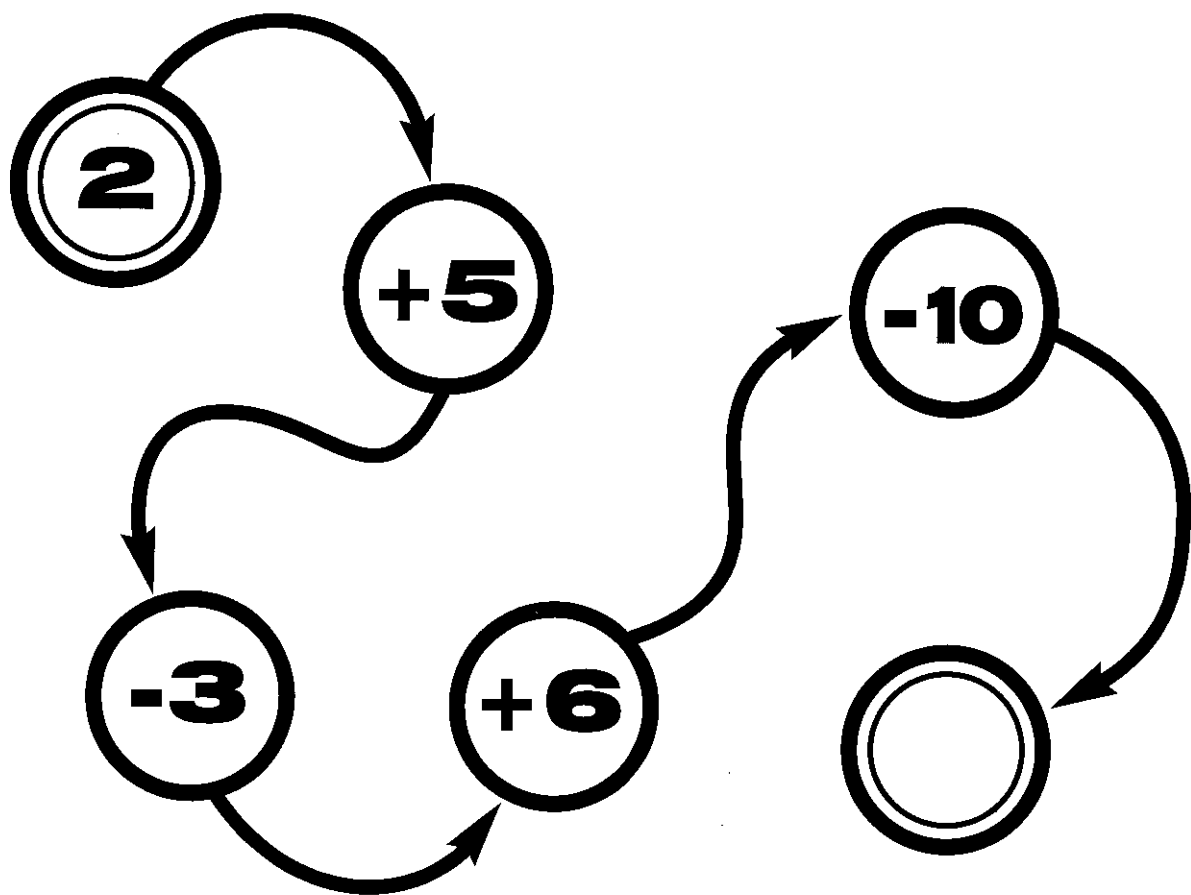
Show your work here:

MATH PATH PUZZLE #4 LEVEL A



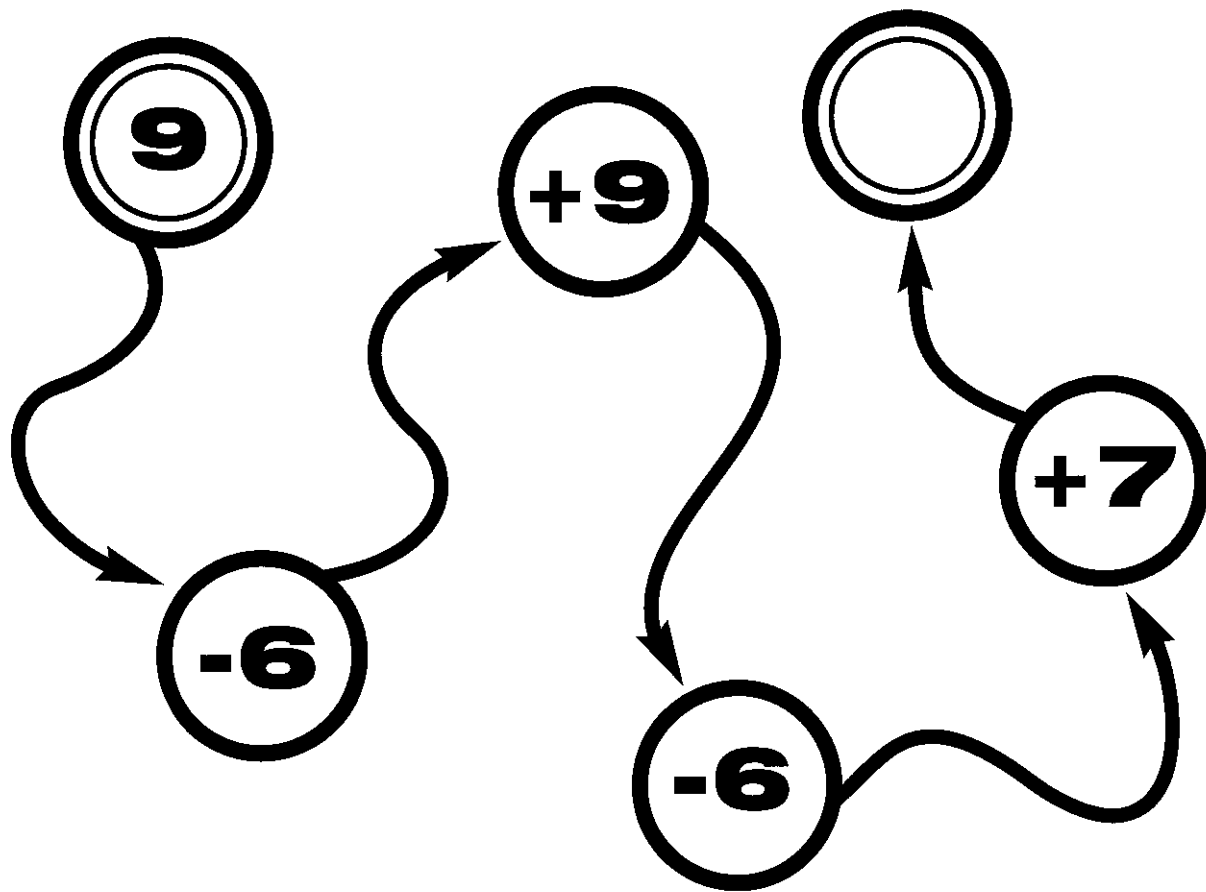
Show your work here:

MATH PATH PUZZLE #5 LEVEL A



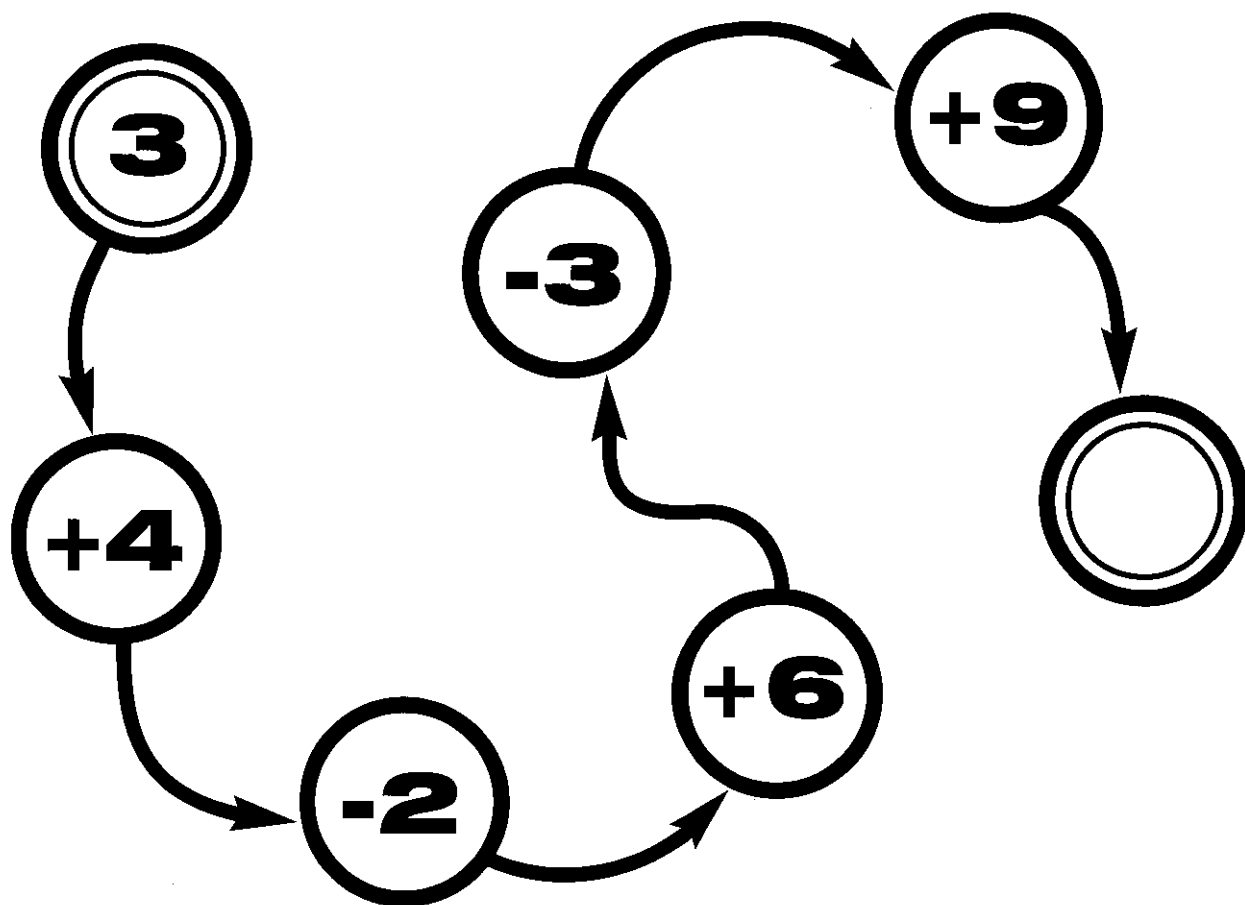
Show your work here:

MATH PATH PUZZLE #6 LEVEL A



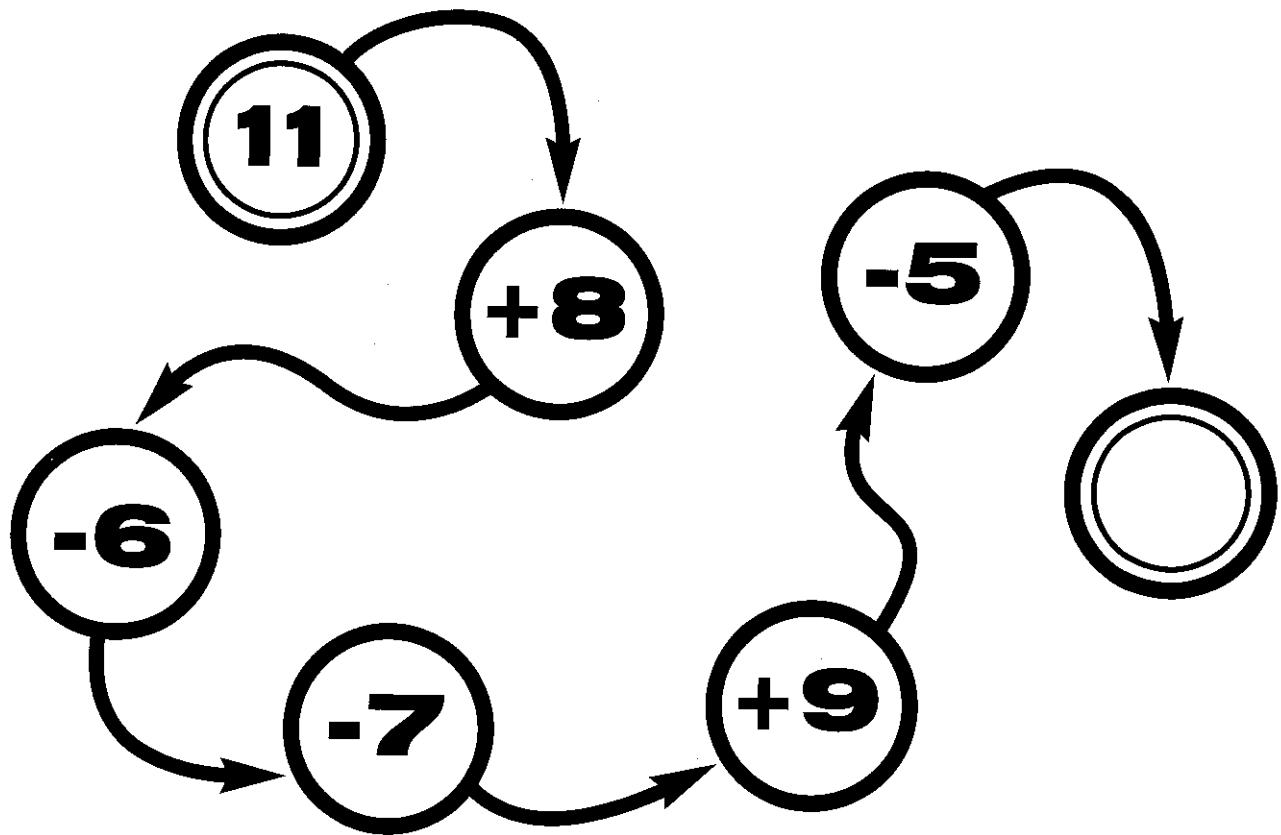
Show your work here:

MATH PATH PUZZLE #7 LEVEL A



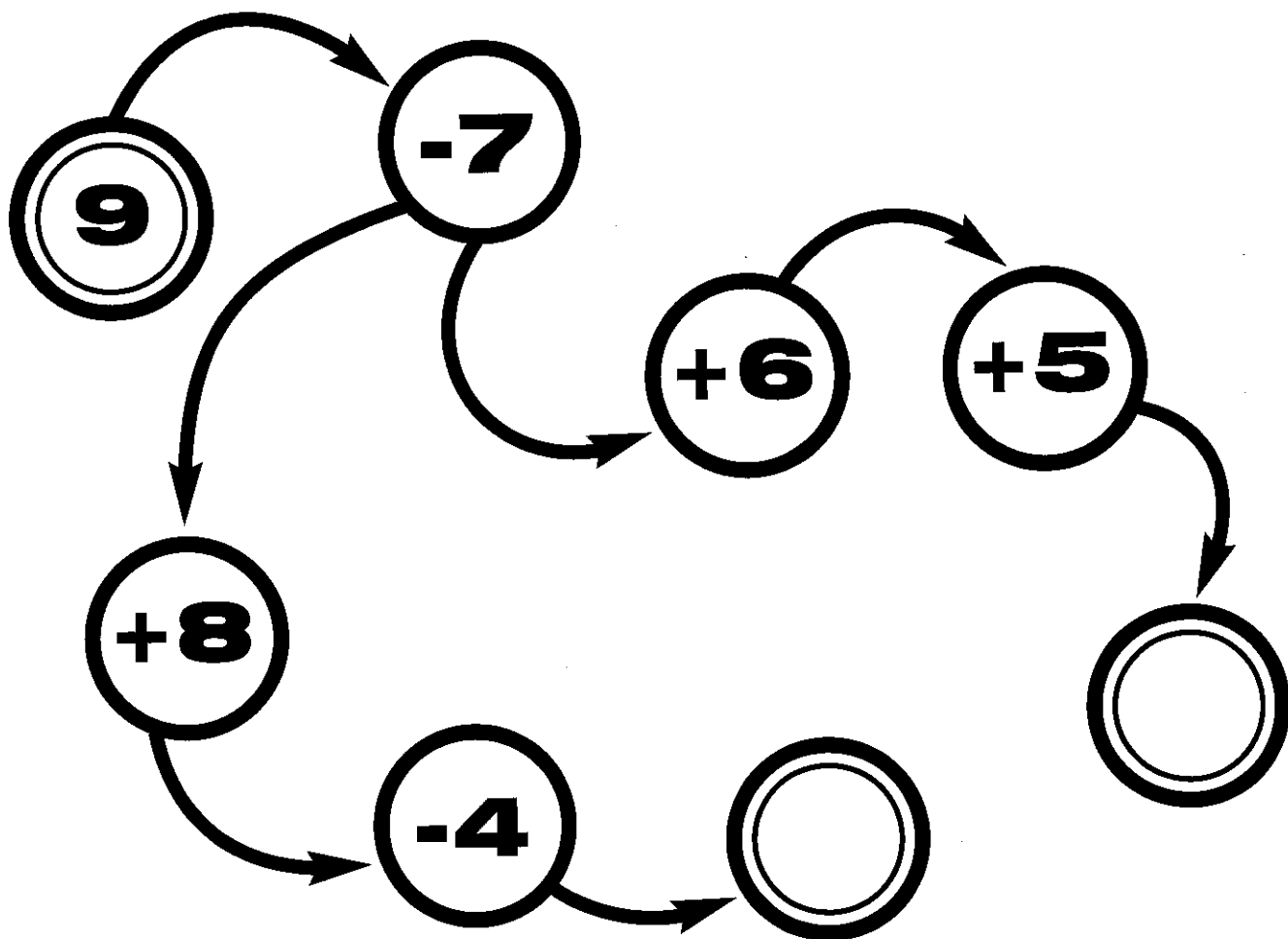
Show your work here:

MATH PATH PUZZLE #8 LEVEL A



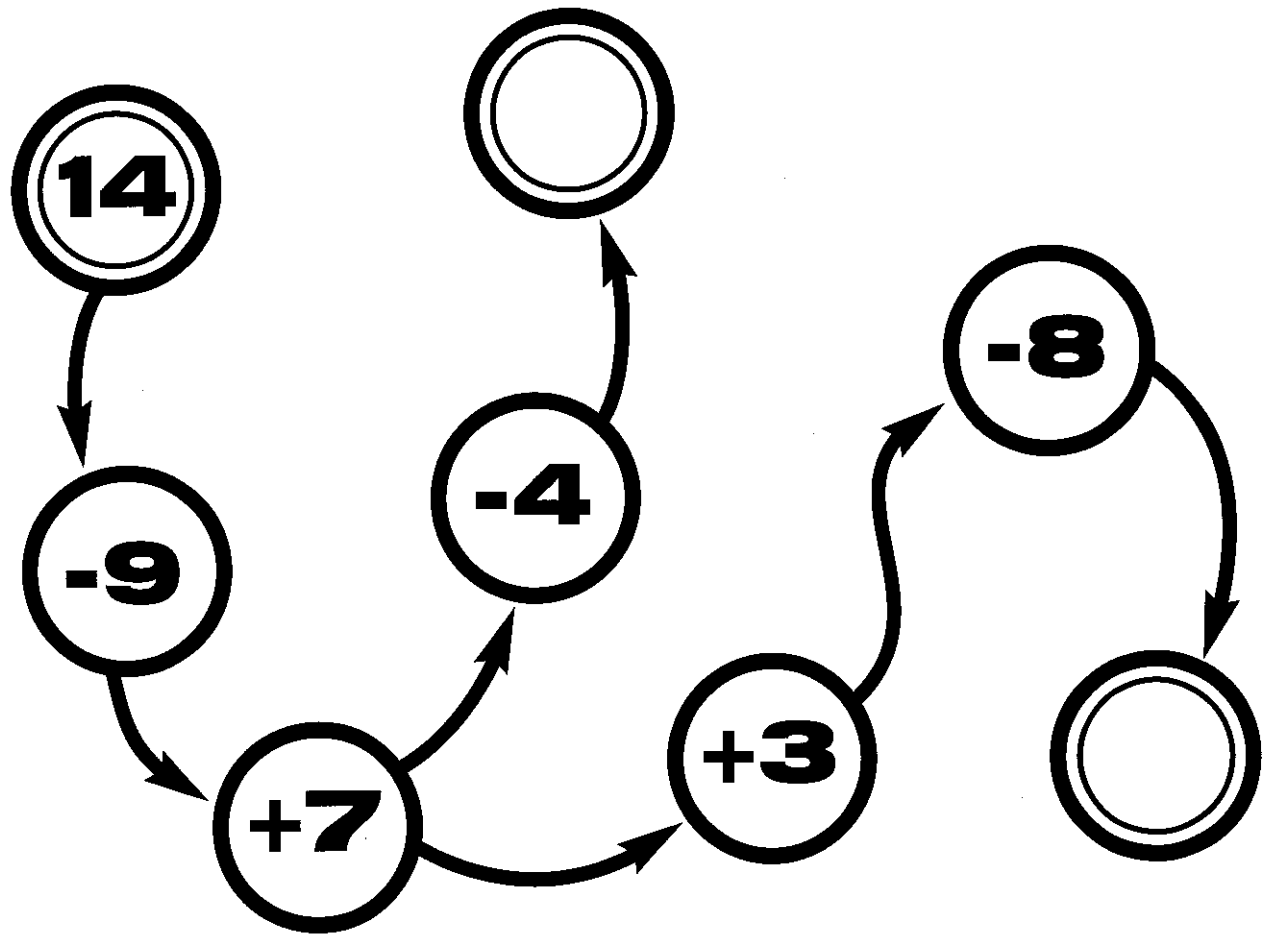
Show your work here:

MATH PATH PUZZLE #9 LEVEL A



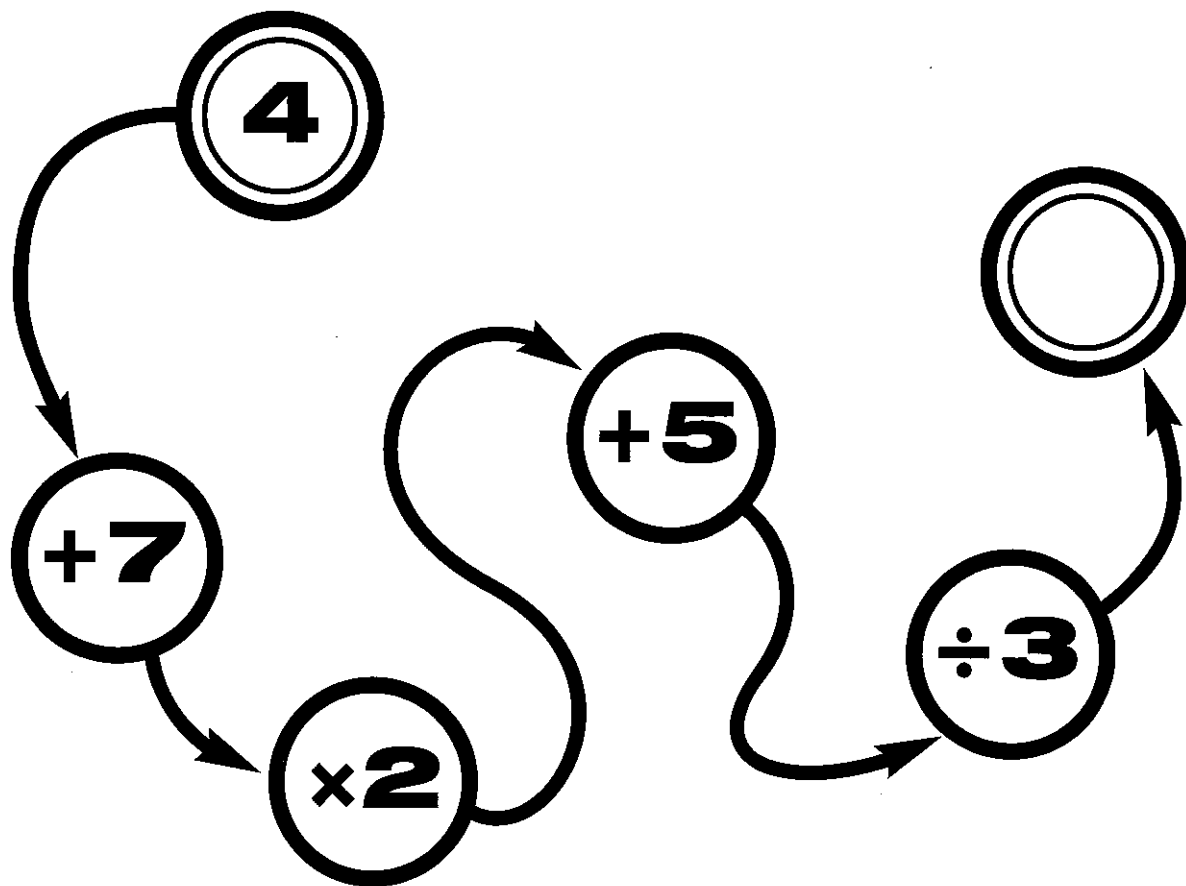
Show your work here:

MATH PATH PUZZLE #10 LEVEL A



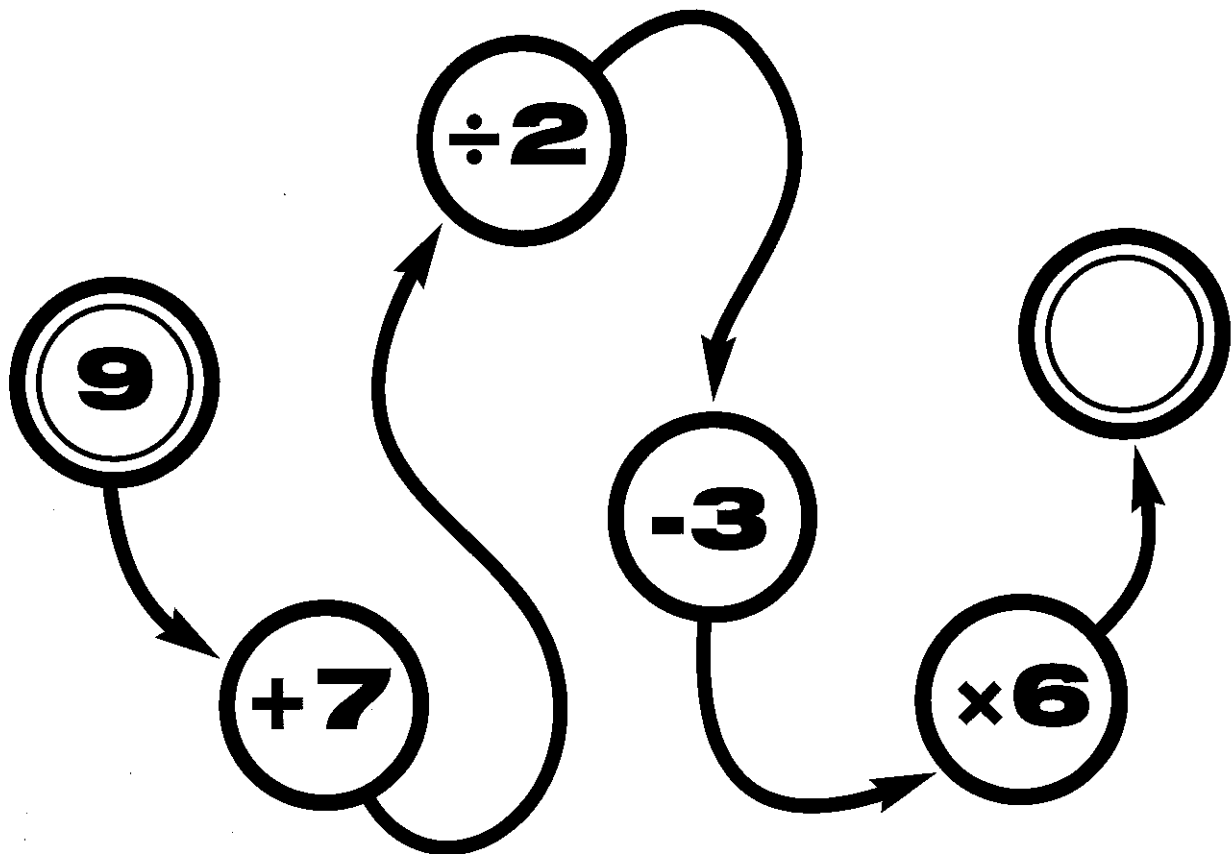
Show your work here:

MATH PATH PUZZLE #11 LEVEL A



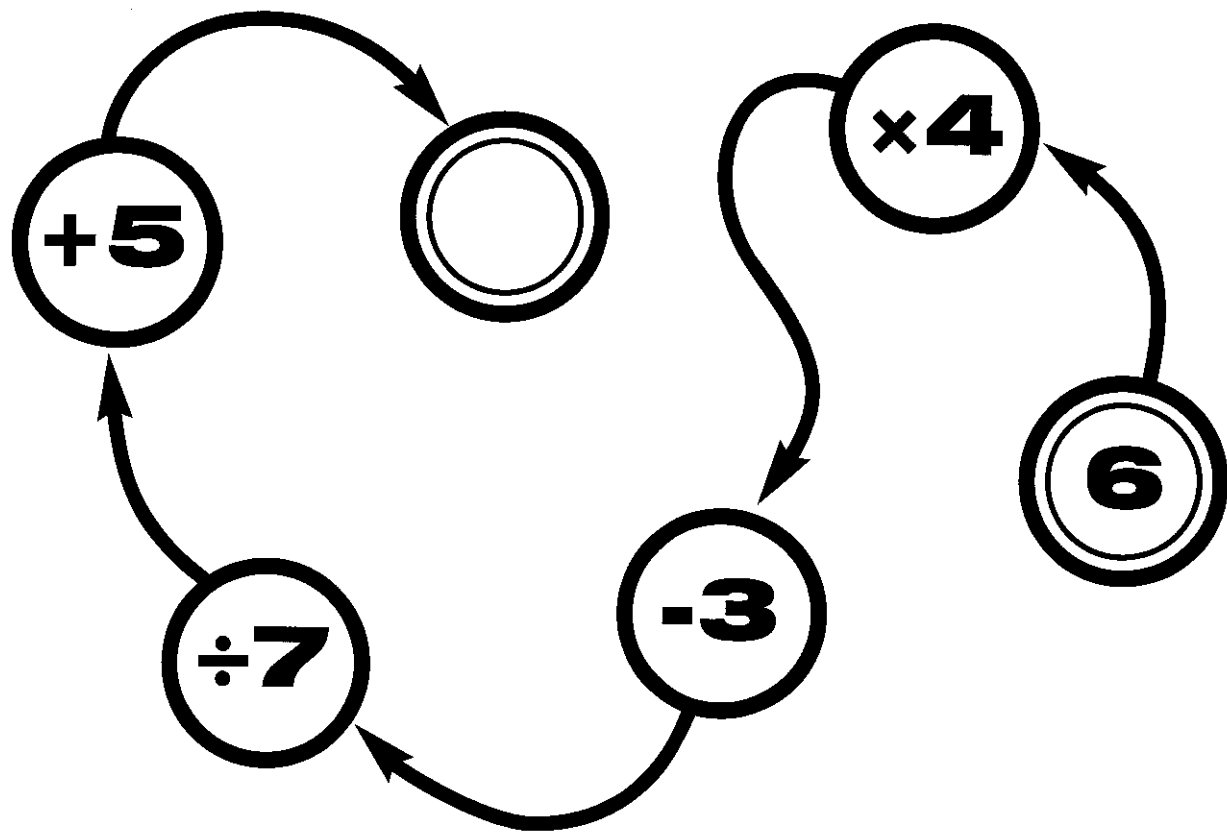
Show your work here:

MATH PATH PUZZLE #12 LEVEL A



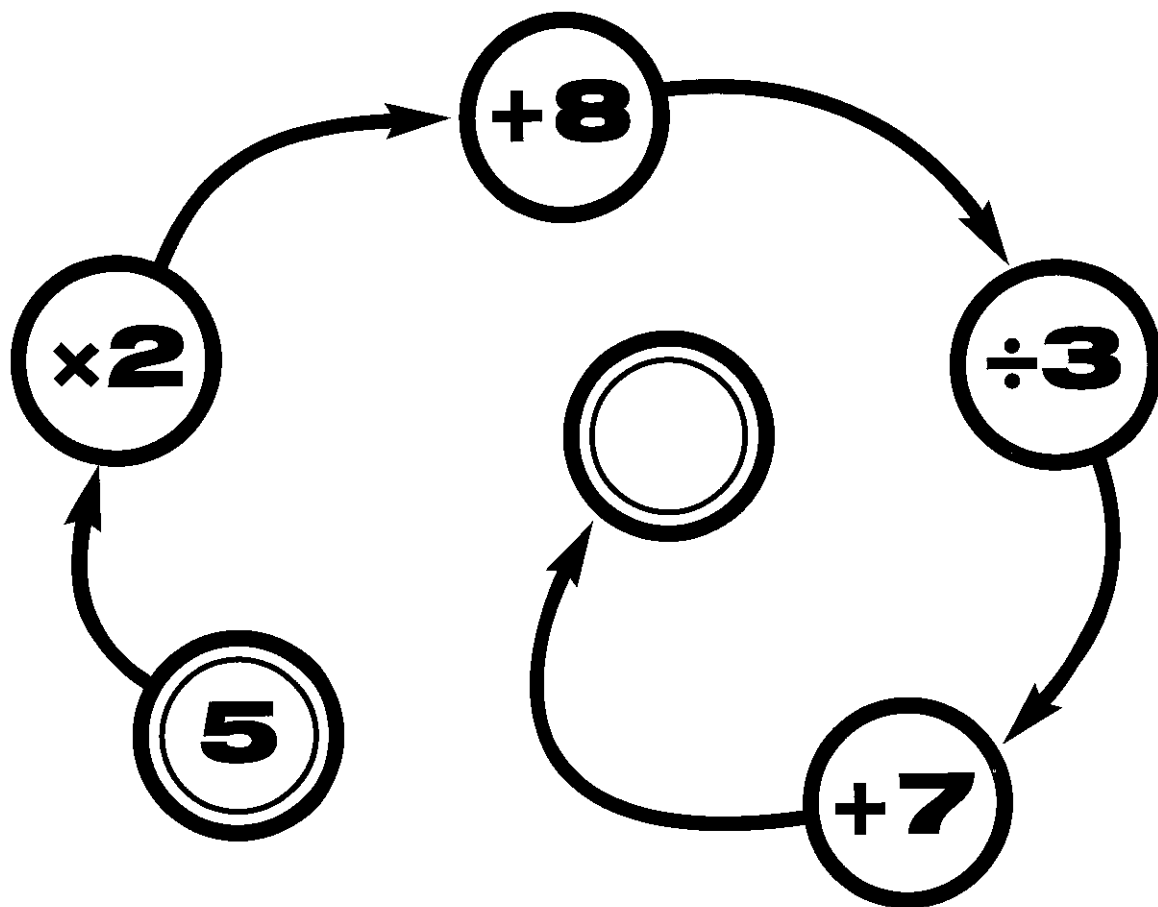
Show your work here:

MATH PATH PUZZLE #13 LEVEL A



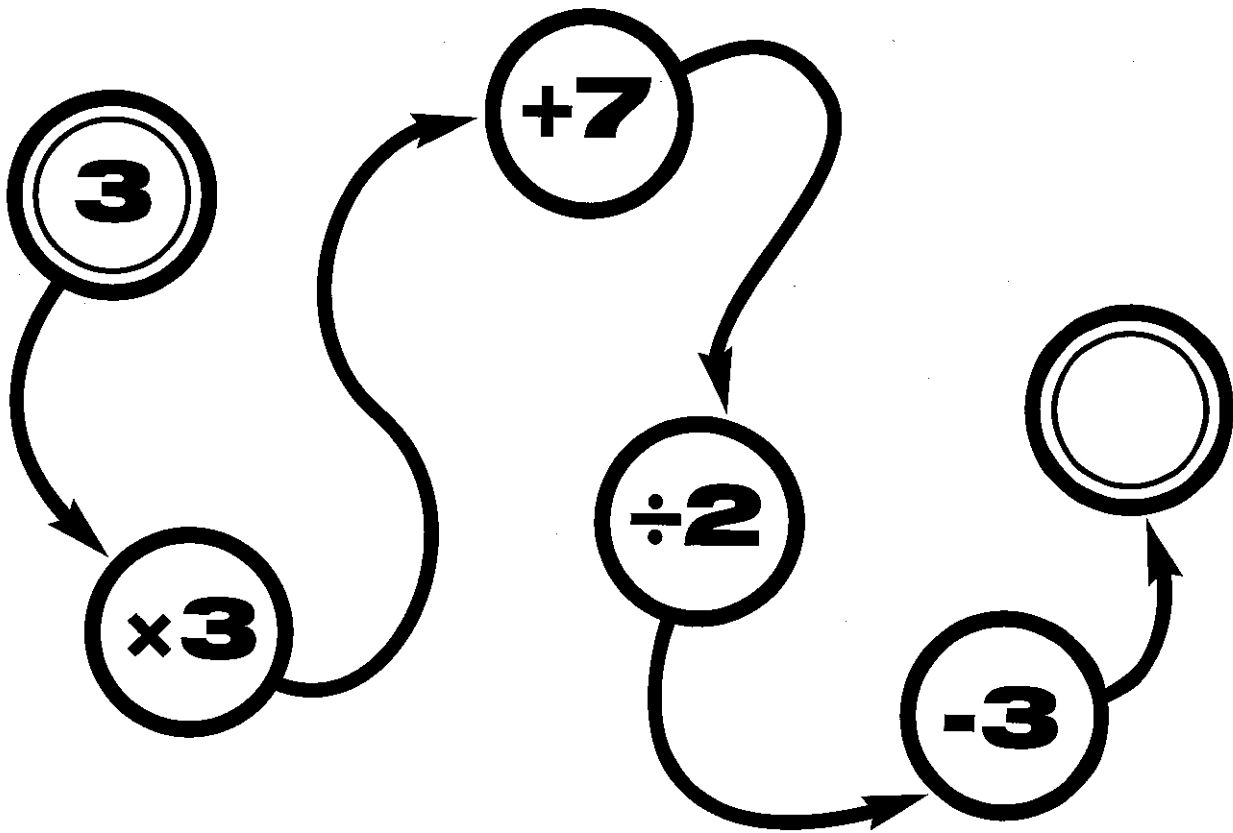
Show your work here:

MATH PATH PUZZLE #14 LEVEL A



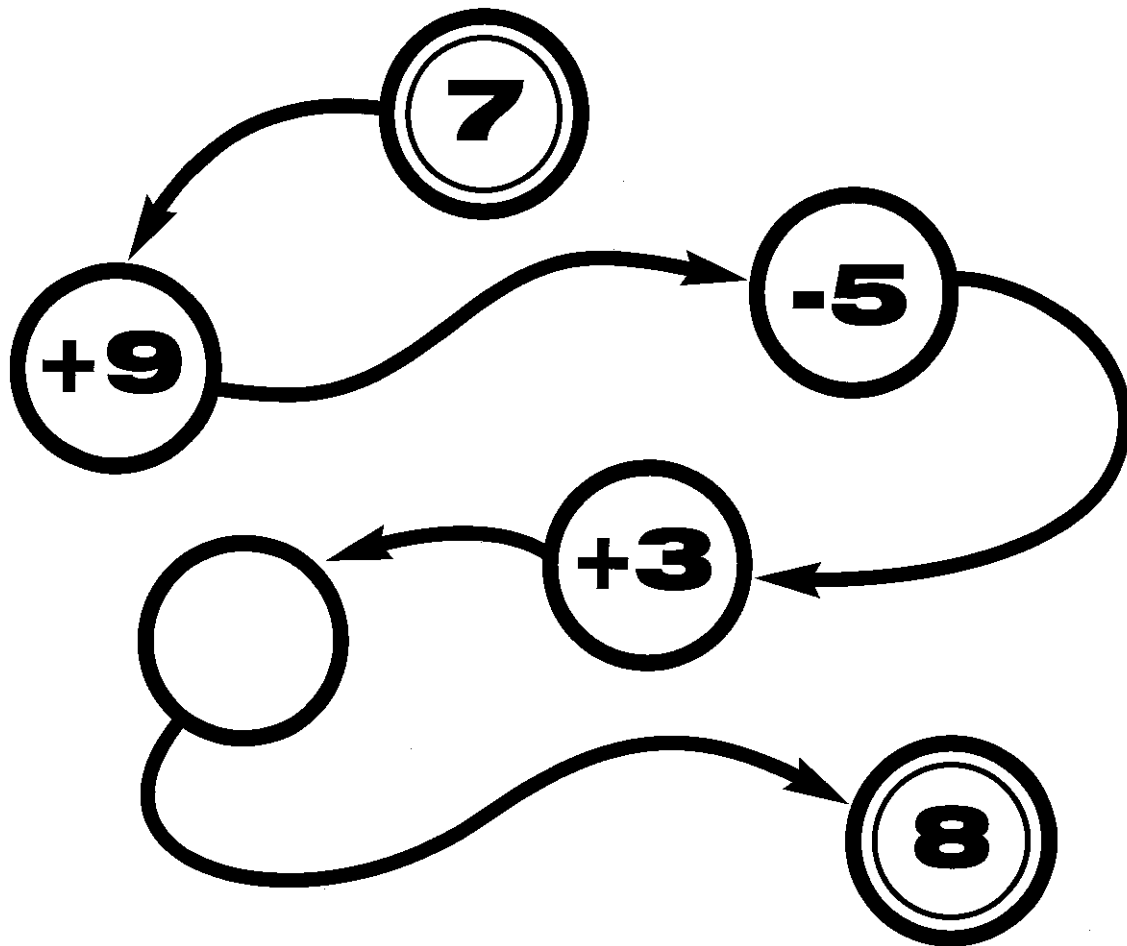
Show your work here:

MATH PATH PUZZLE #15 LEVEL A



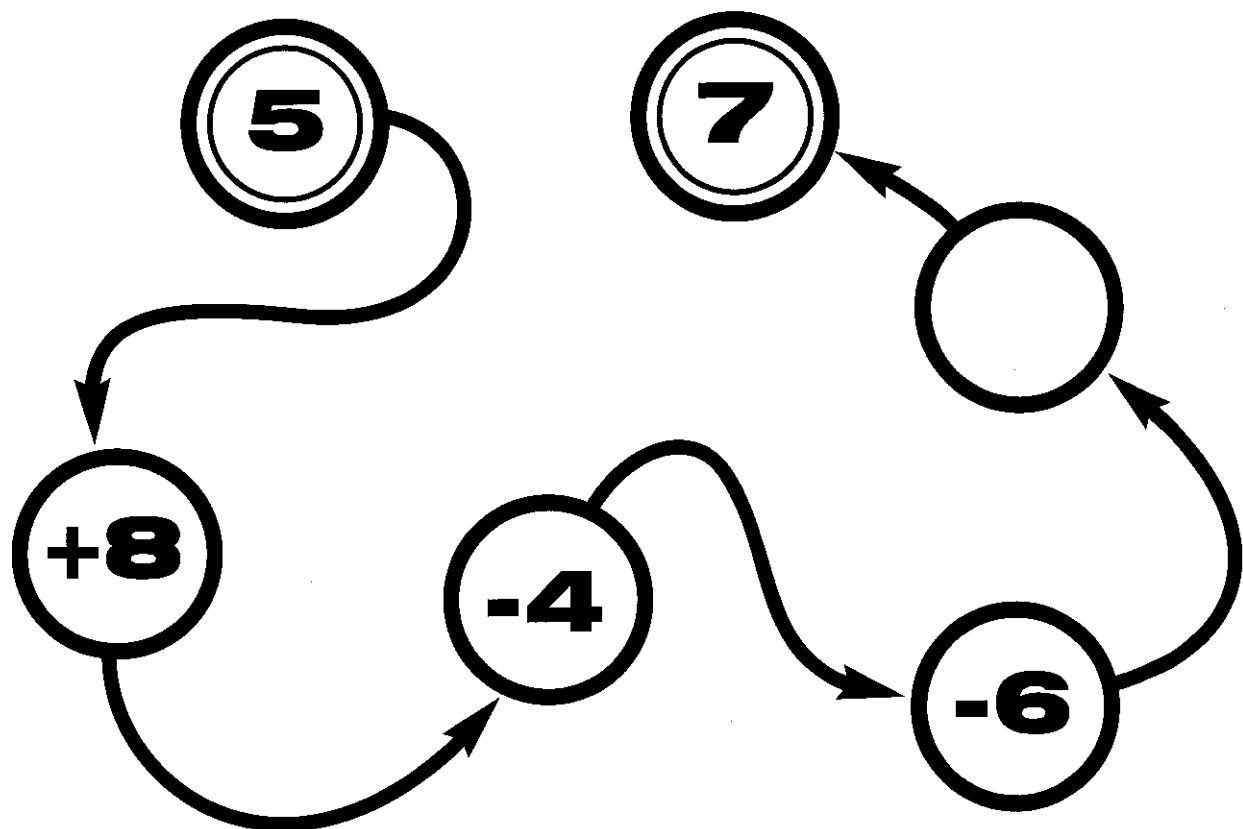
Show your work here:

MATH PATH PUZZLE #16 LEVEL A



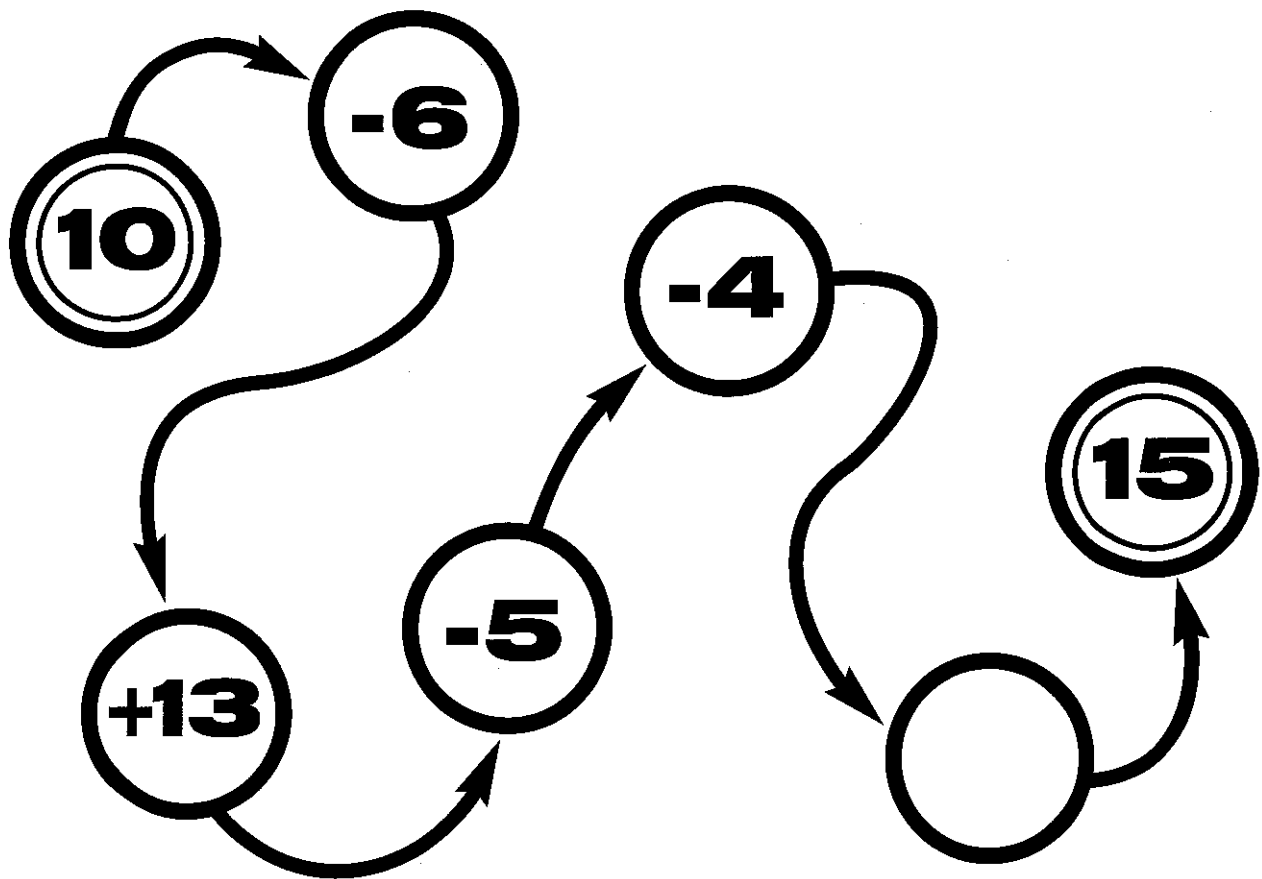
Show your work here:

MATH PATH PUZZLE #17 LEVEL A

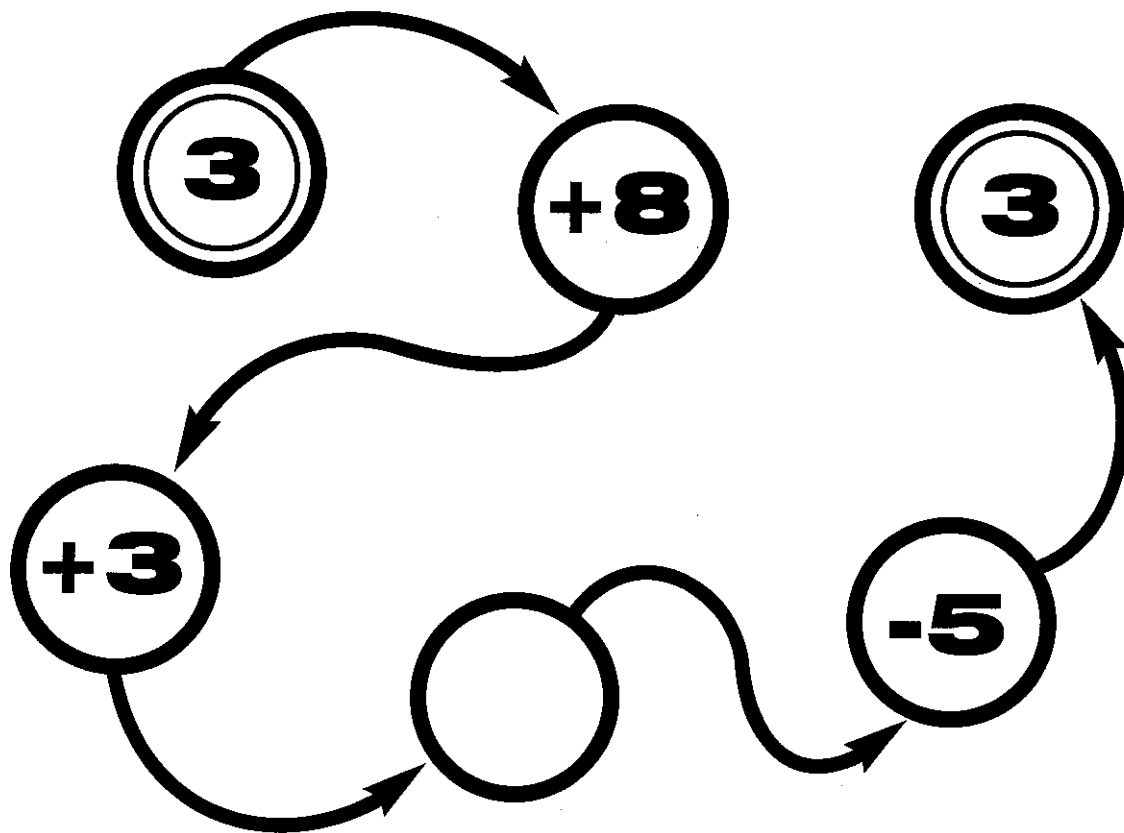


Show your work here:

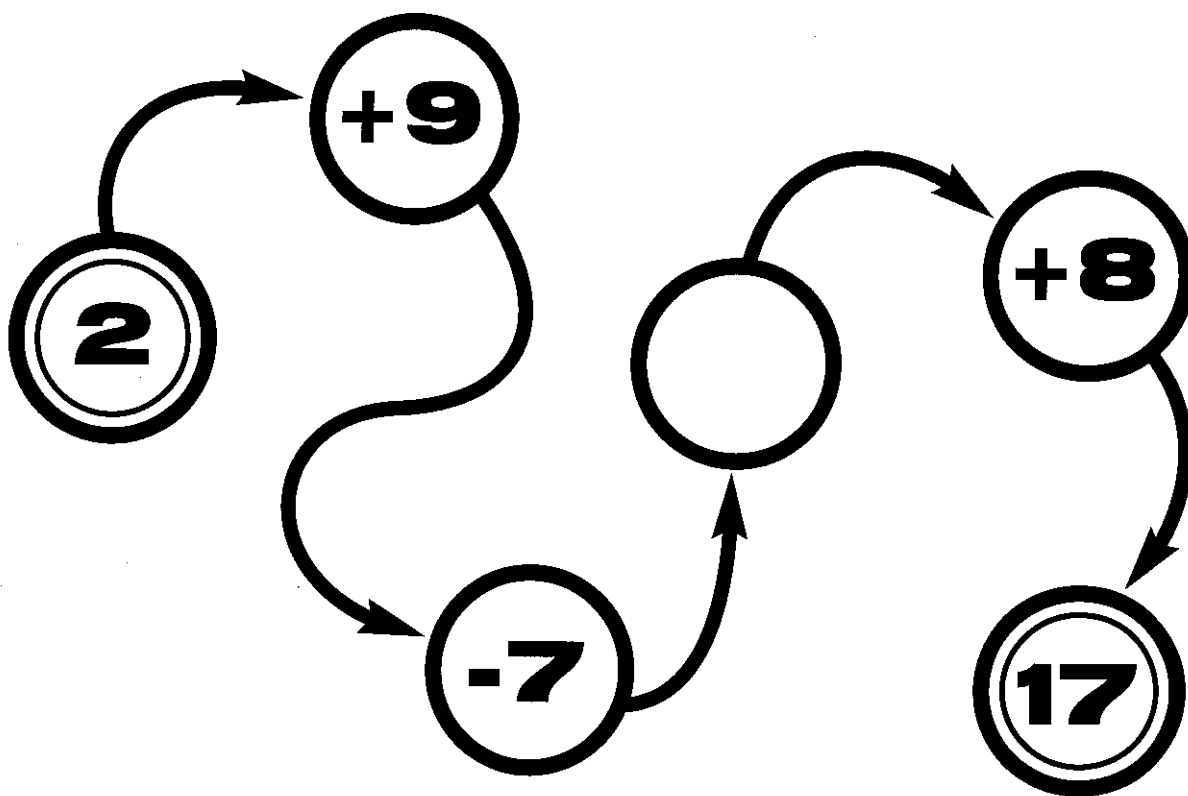
MATH PATH PUZZLE #18 LEVEL A



Show your work here:

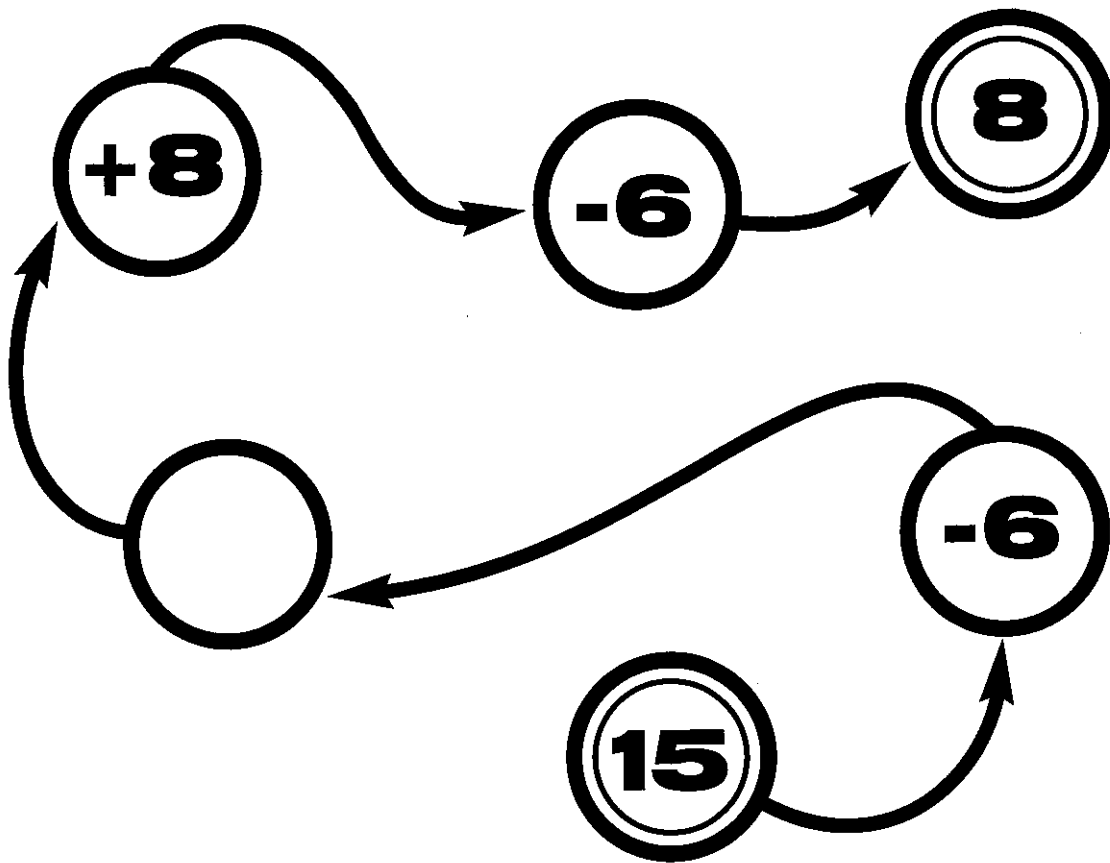


SHOW YOUR WORK HERE



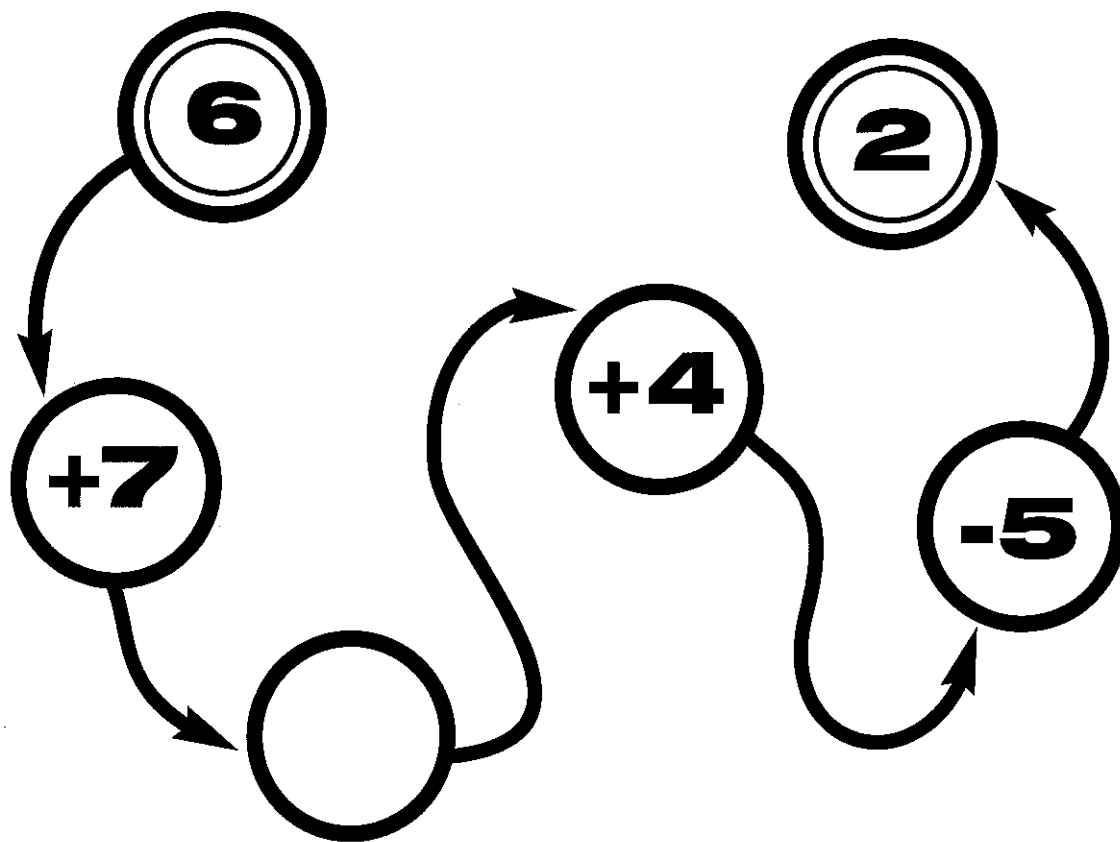
Show your work here:

MATH PATH PUZZLE #21 LEVEL A

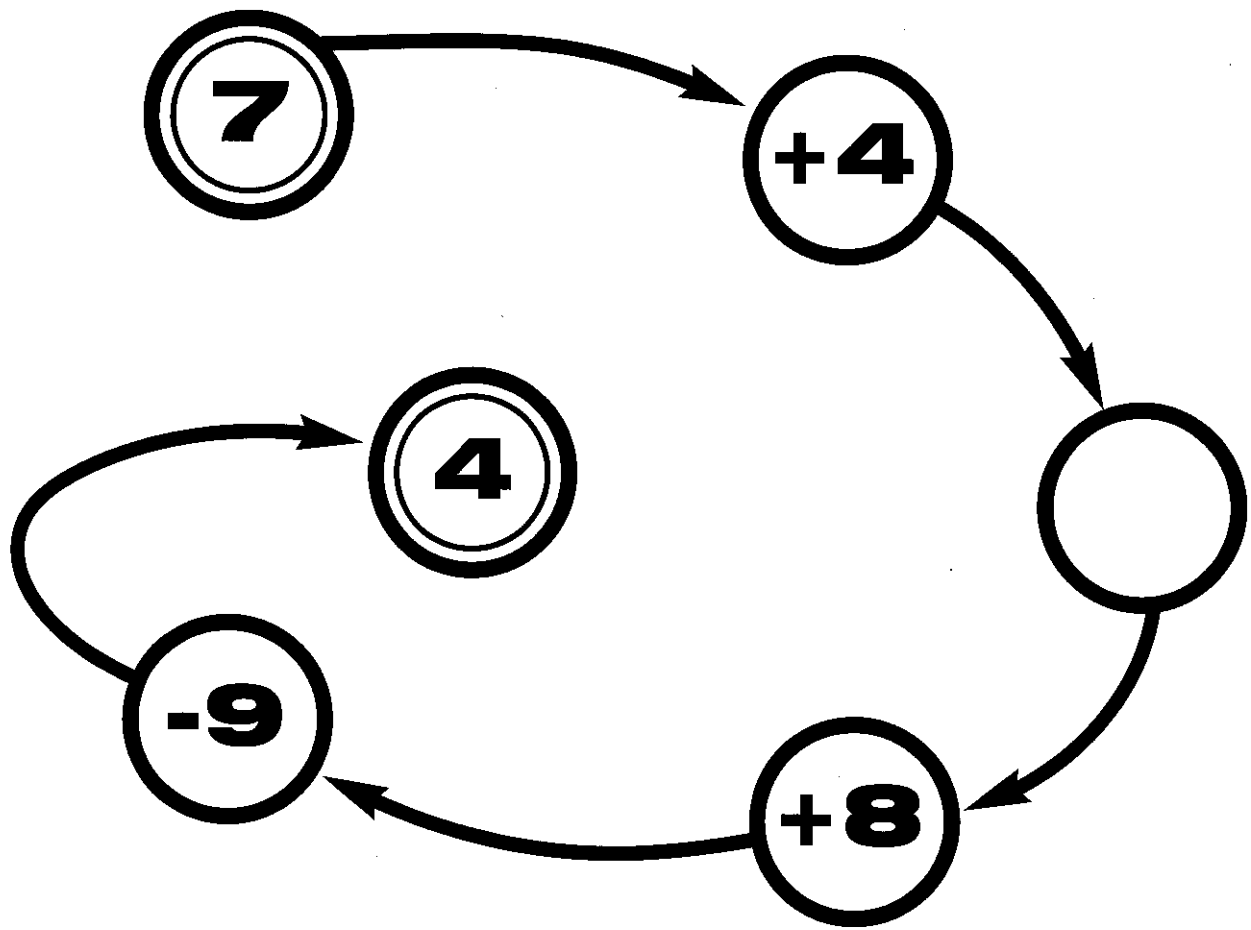


Show your work here:

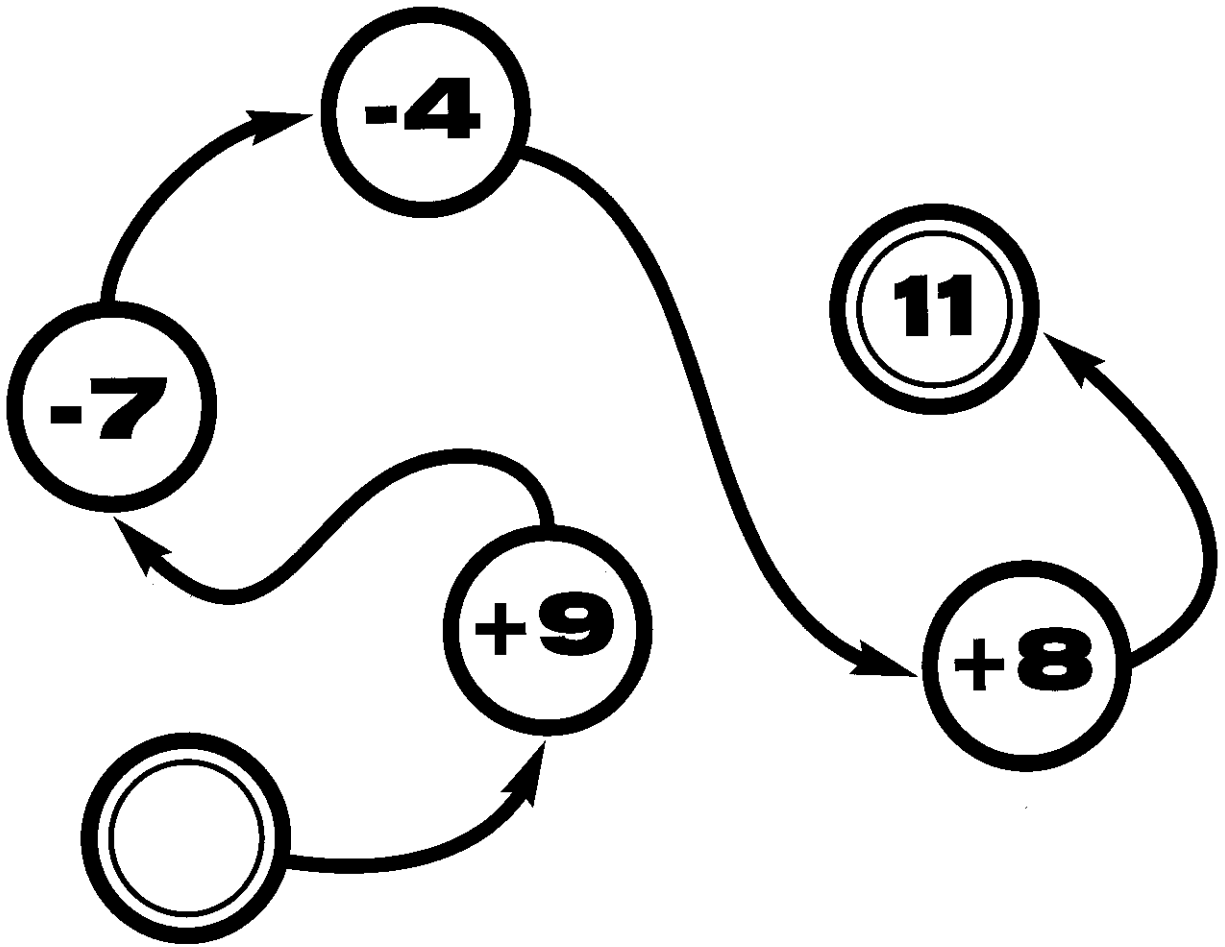
MATH PATH PUZZLE #22 LEVEL A



Show your work here:

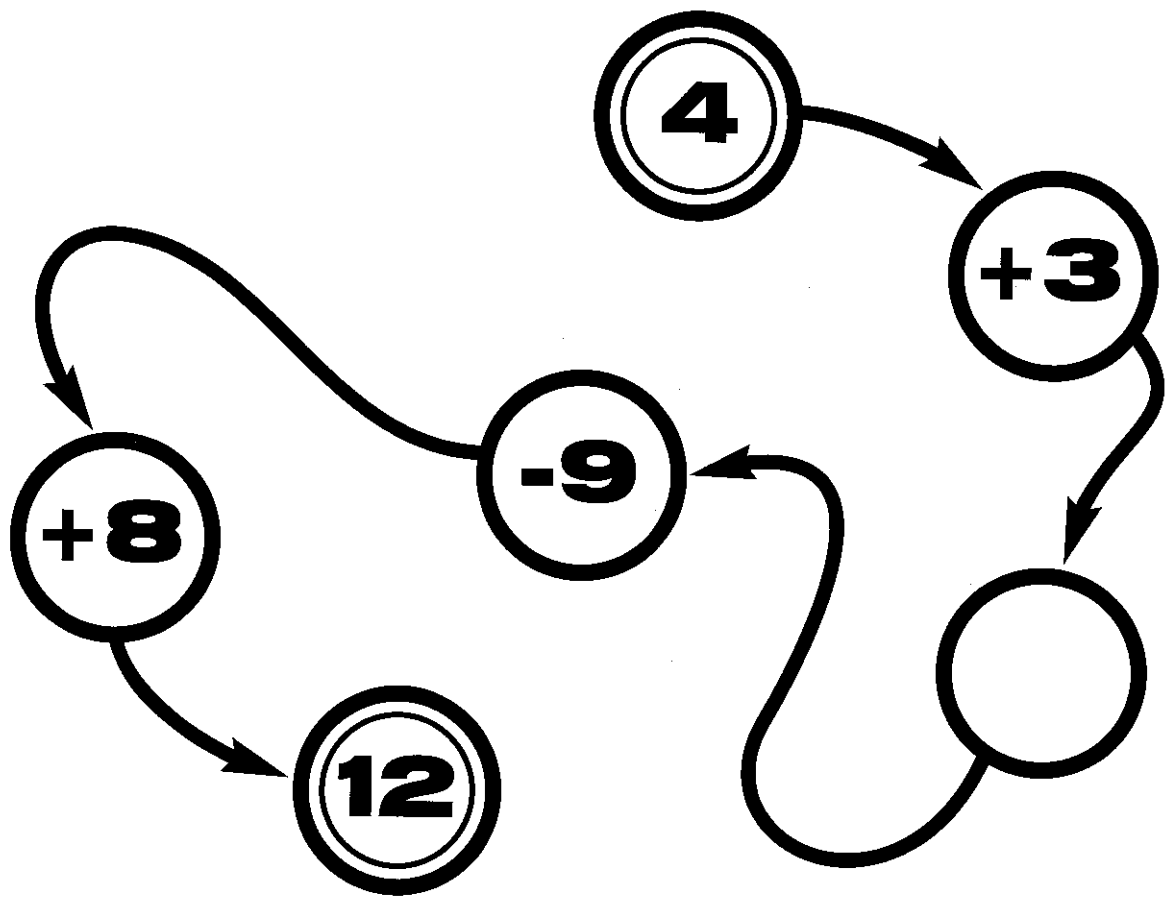


SHOW YOUR WORK HERE



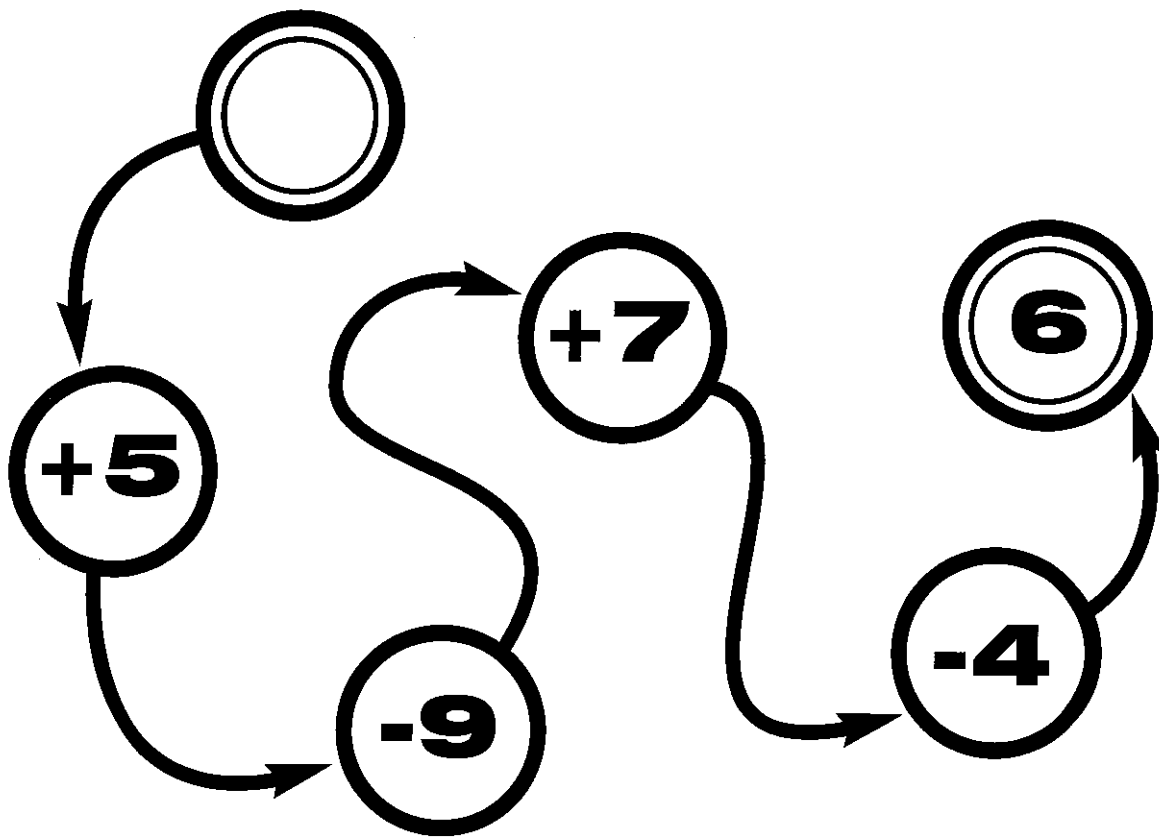
Show your work here:

MATH PATH PUZZLE #25 LEVEL A

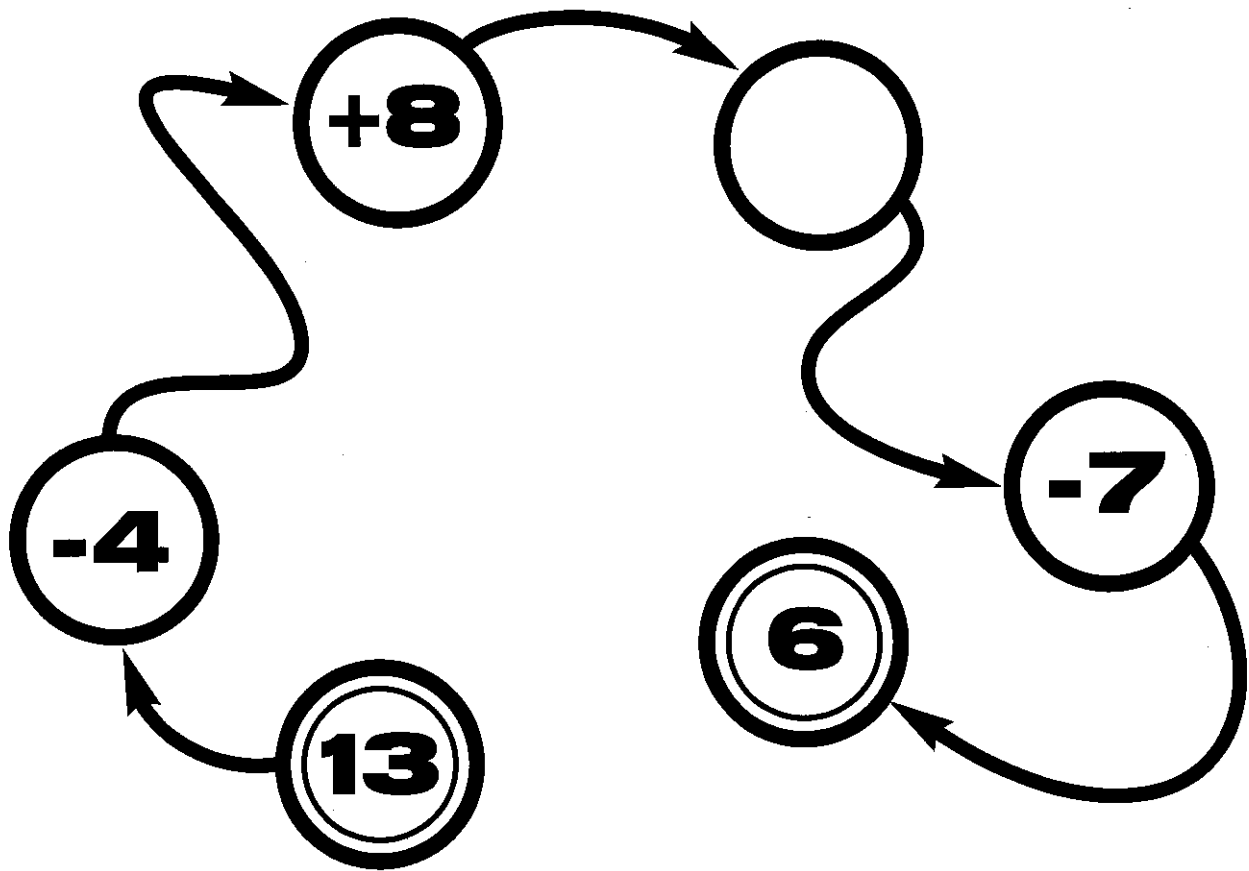


Show your work here:

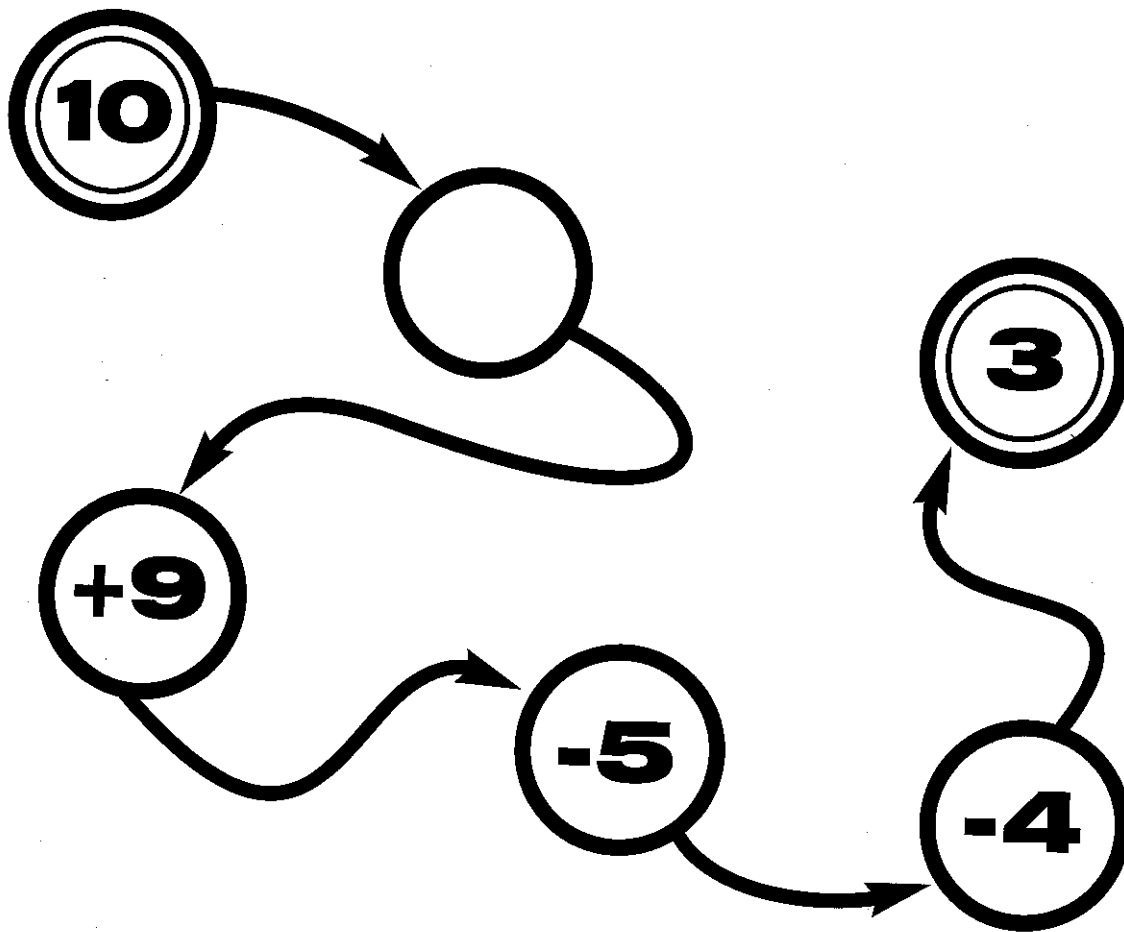
MATH PATH PUZZLE #26 LEVEL A



Show your work here:

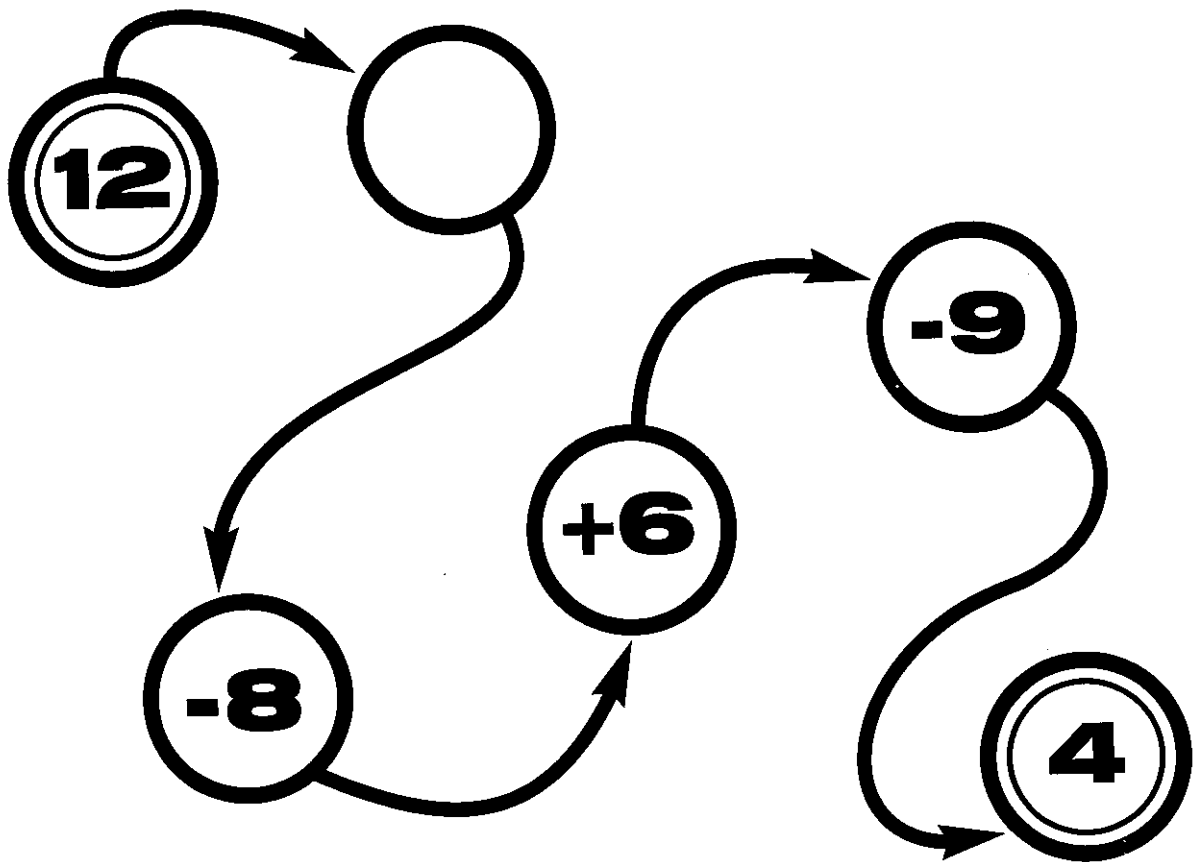


Show your work here:



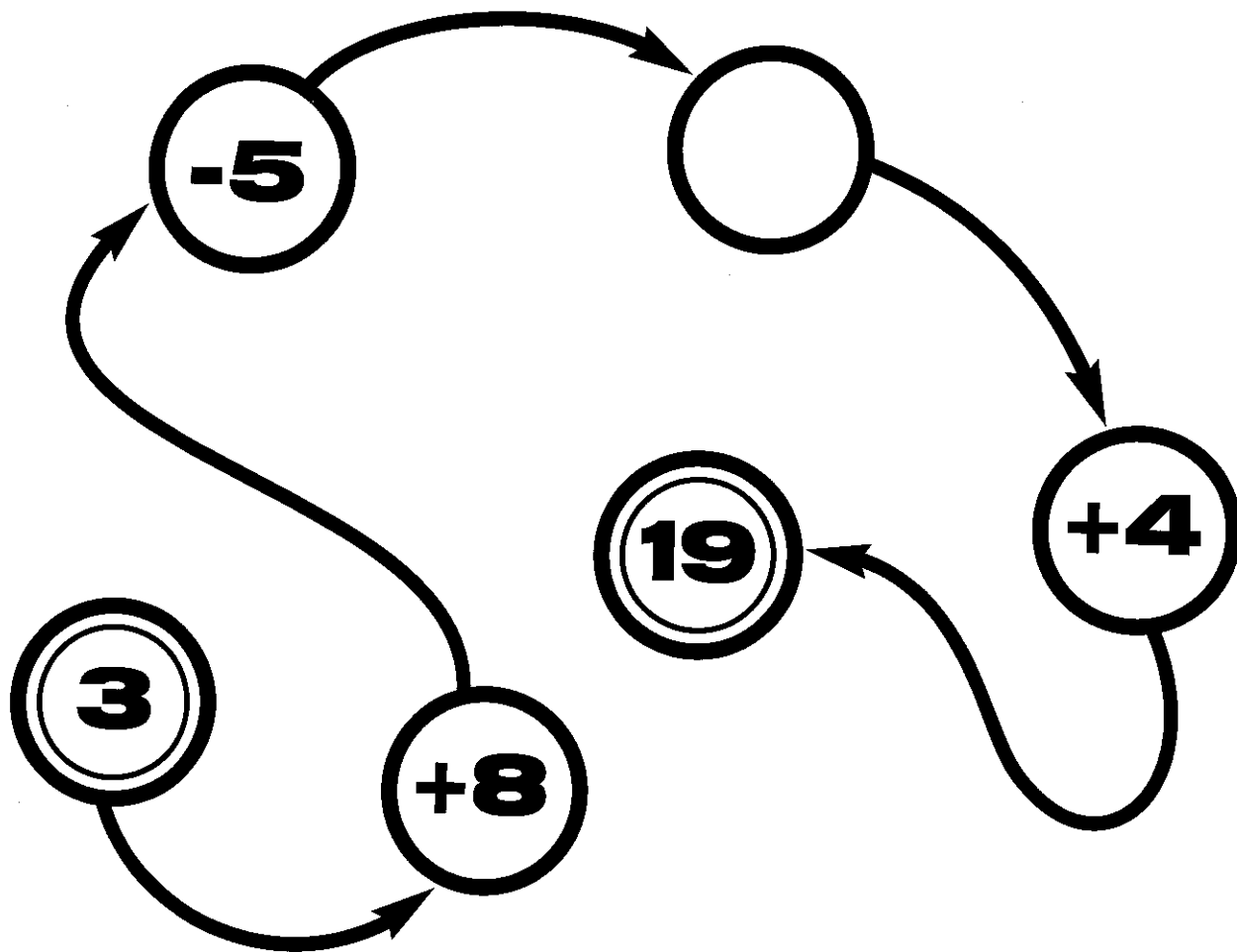
Show your work here:

MATH PATH PUZZLE #29 LEVEL A

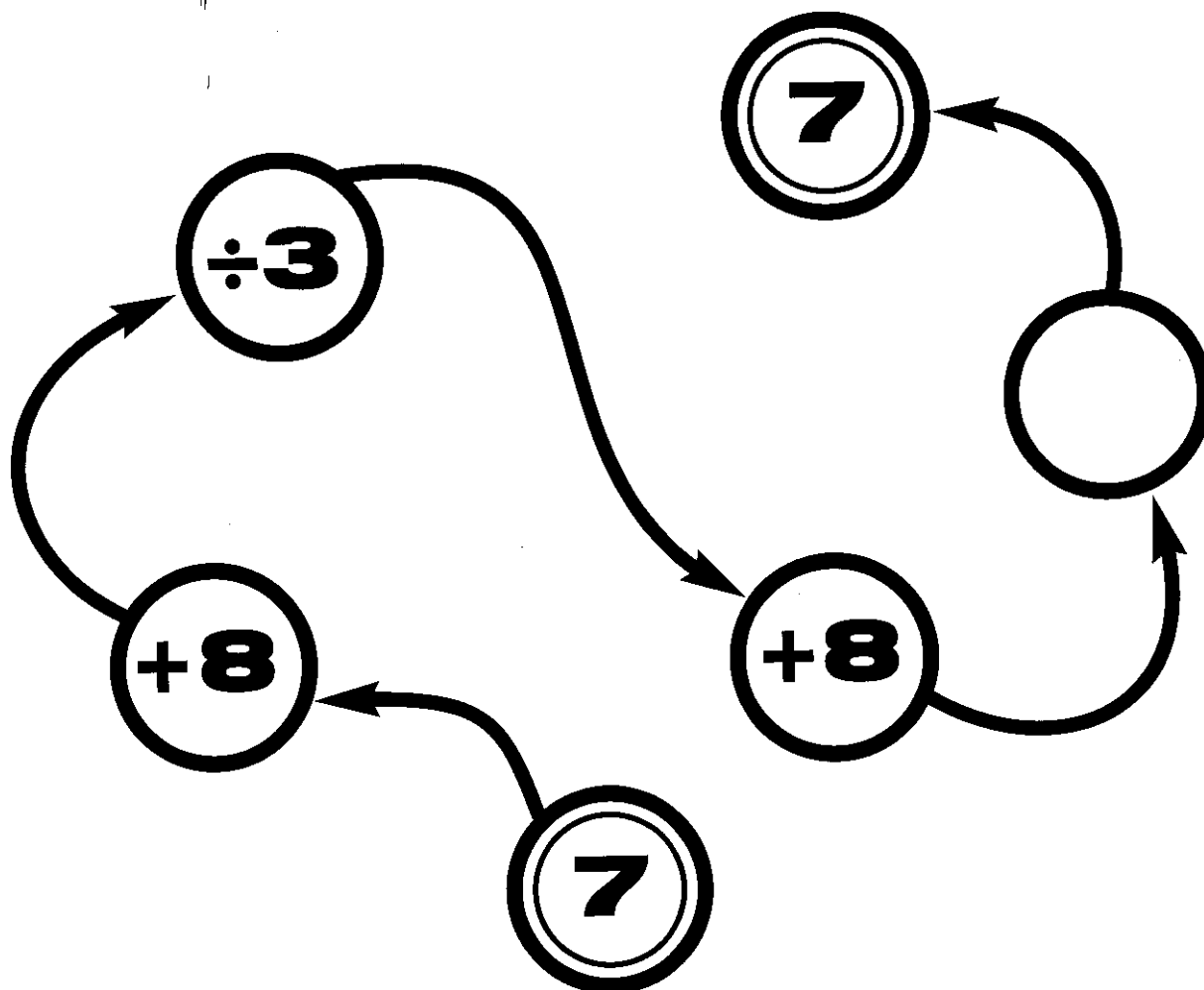


Show your work here:

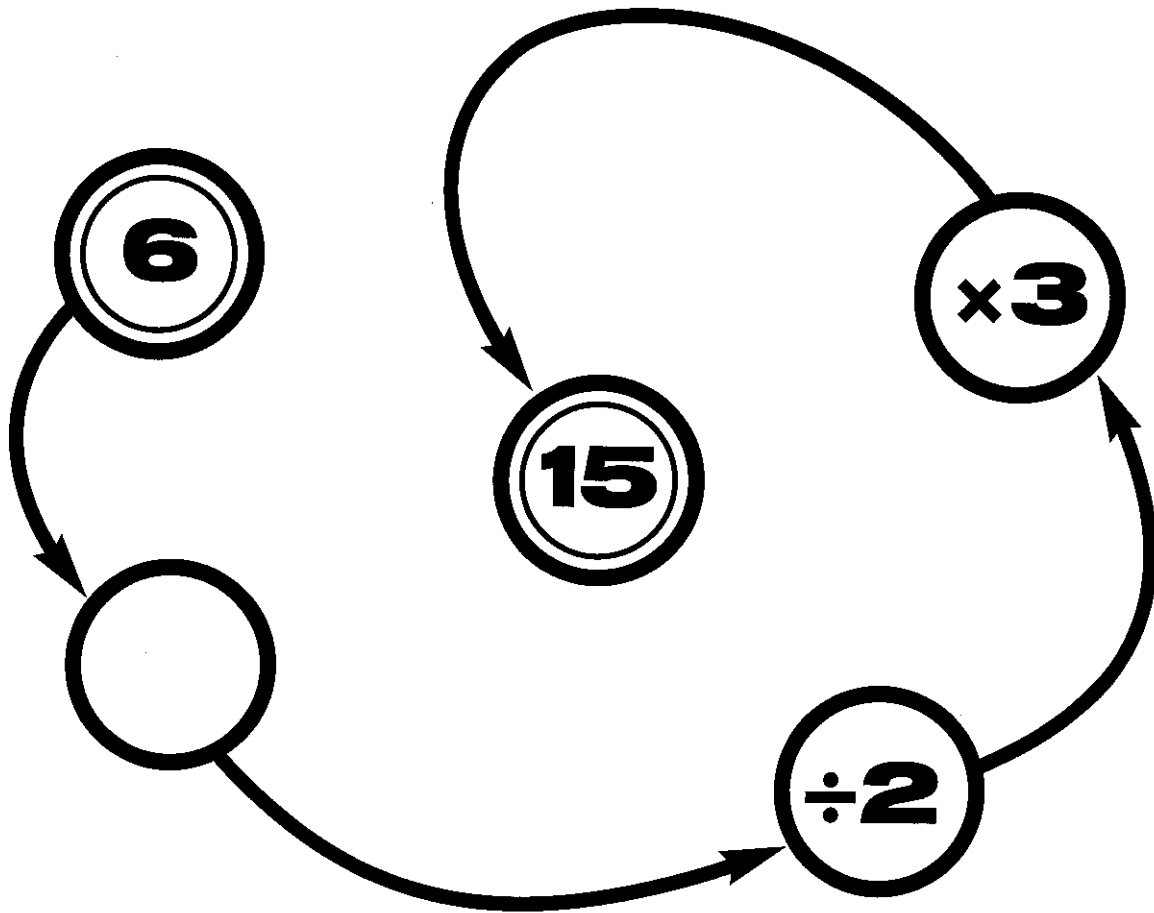
MATH PATH PUZZLE #30 LEVEL A



Show your work here:

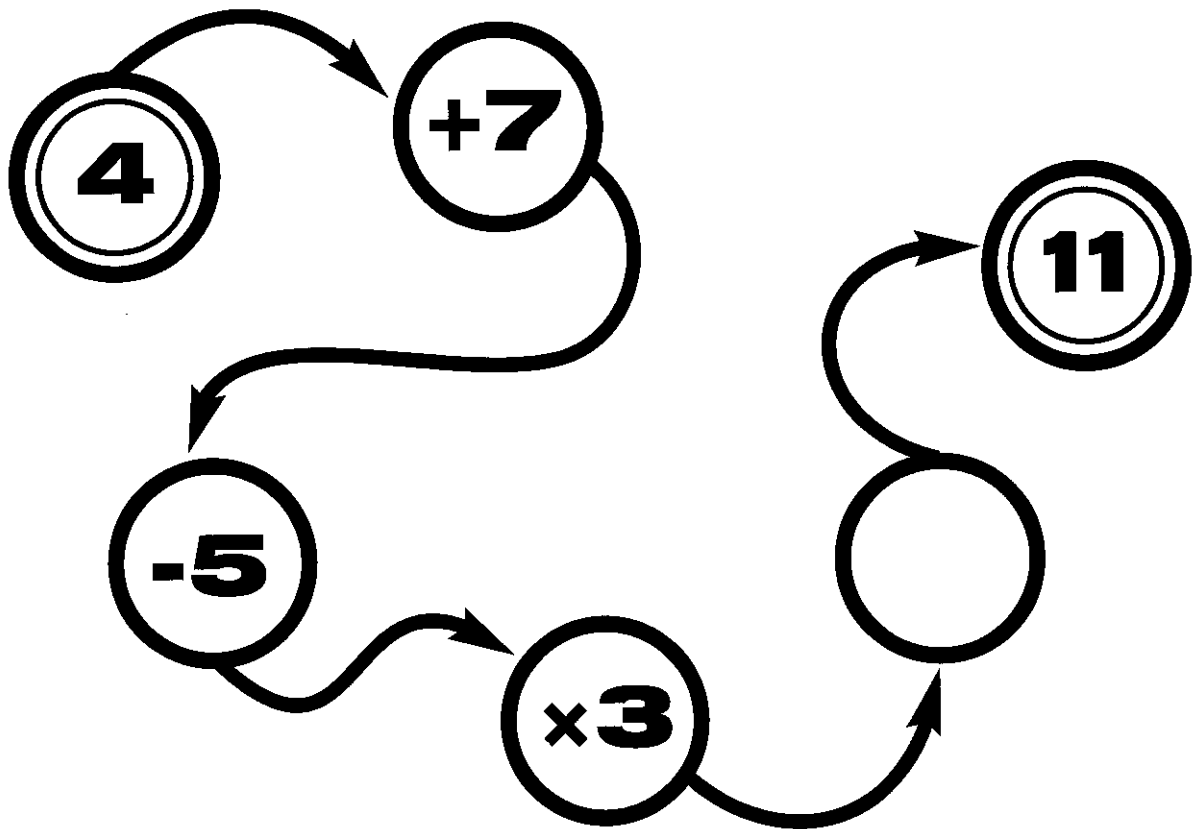


SHOW YOUR WORK HERE



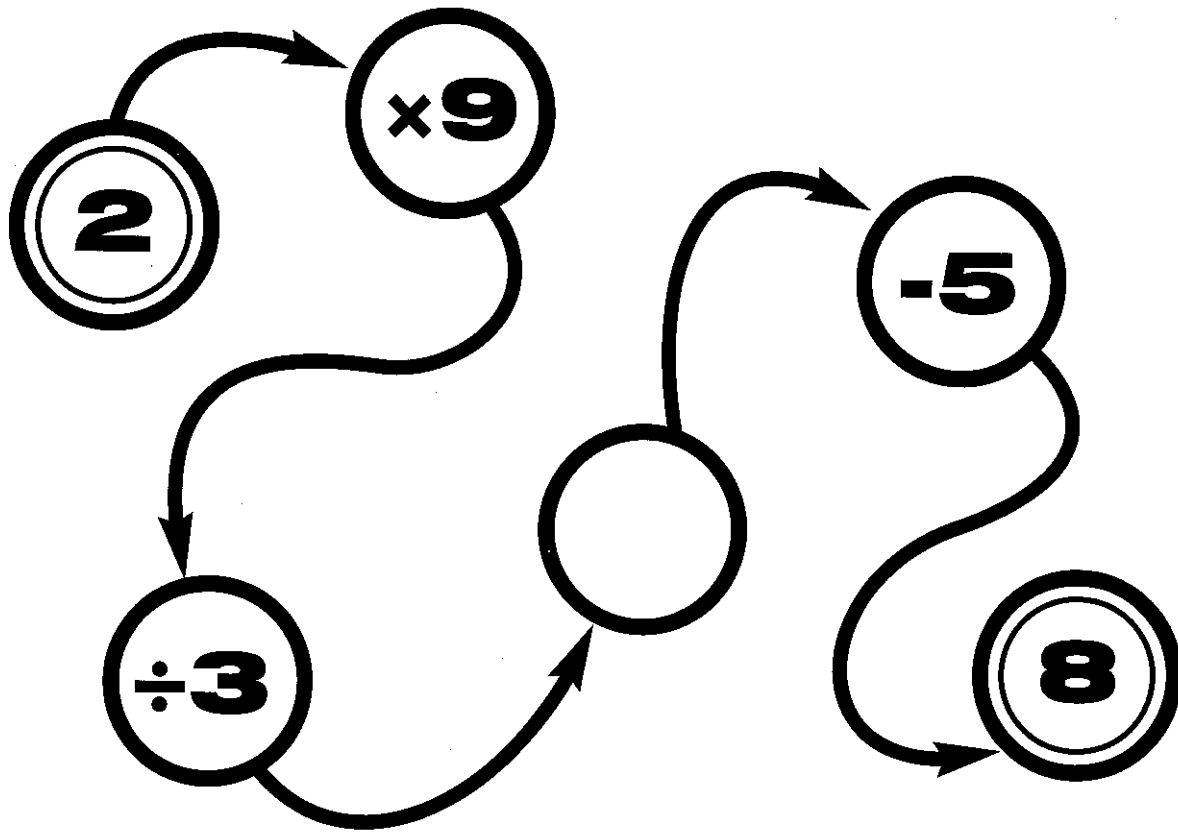
Show your work here:

MATH PATH PUZZLE #33 LEVEL A



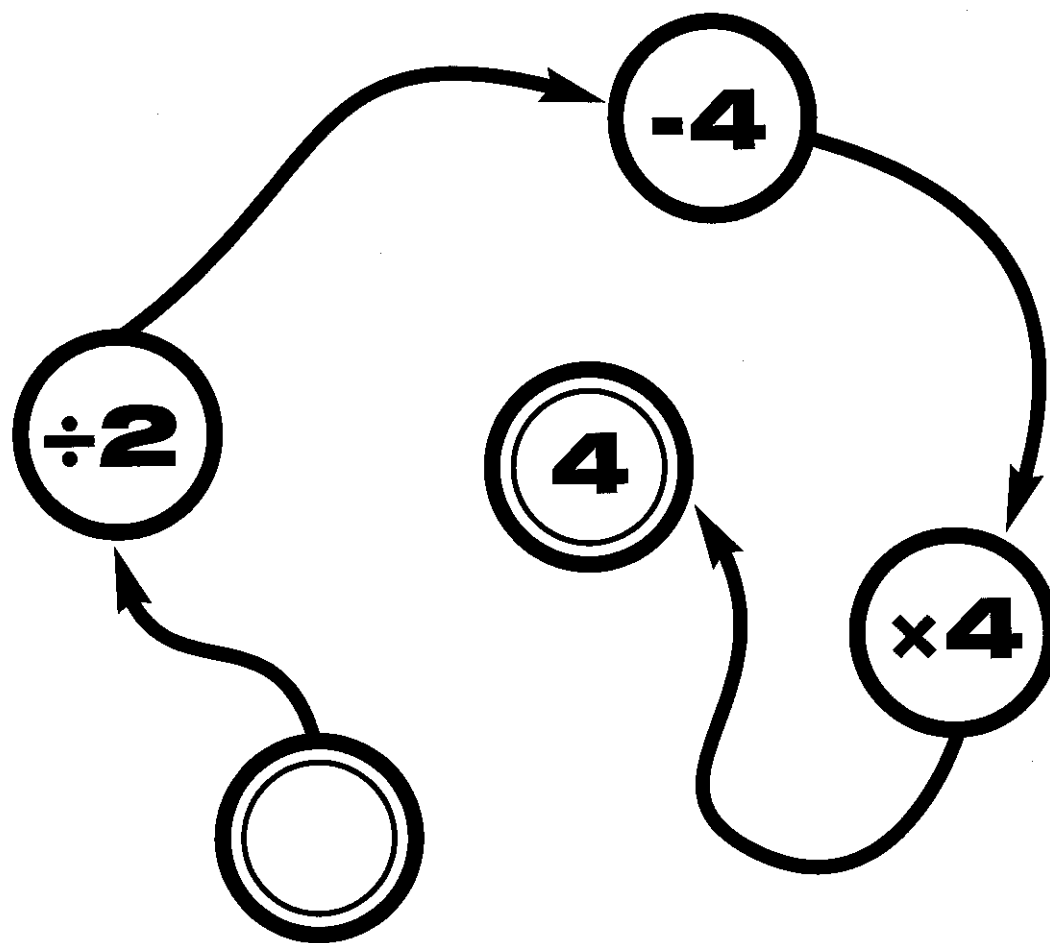
Show your work here:

MATH PATH PUZZLE #34 LEVEL A



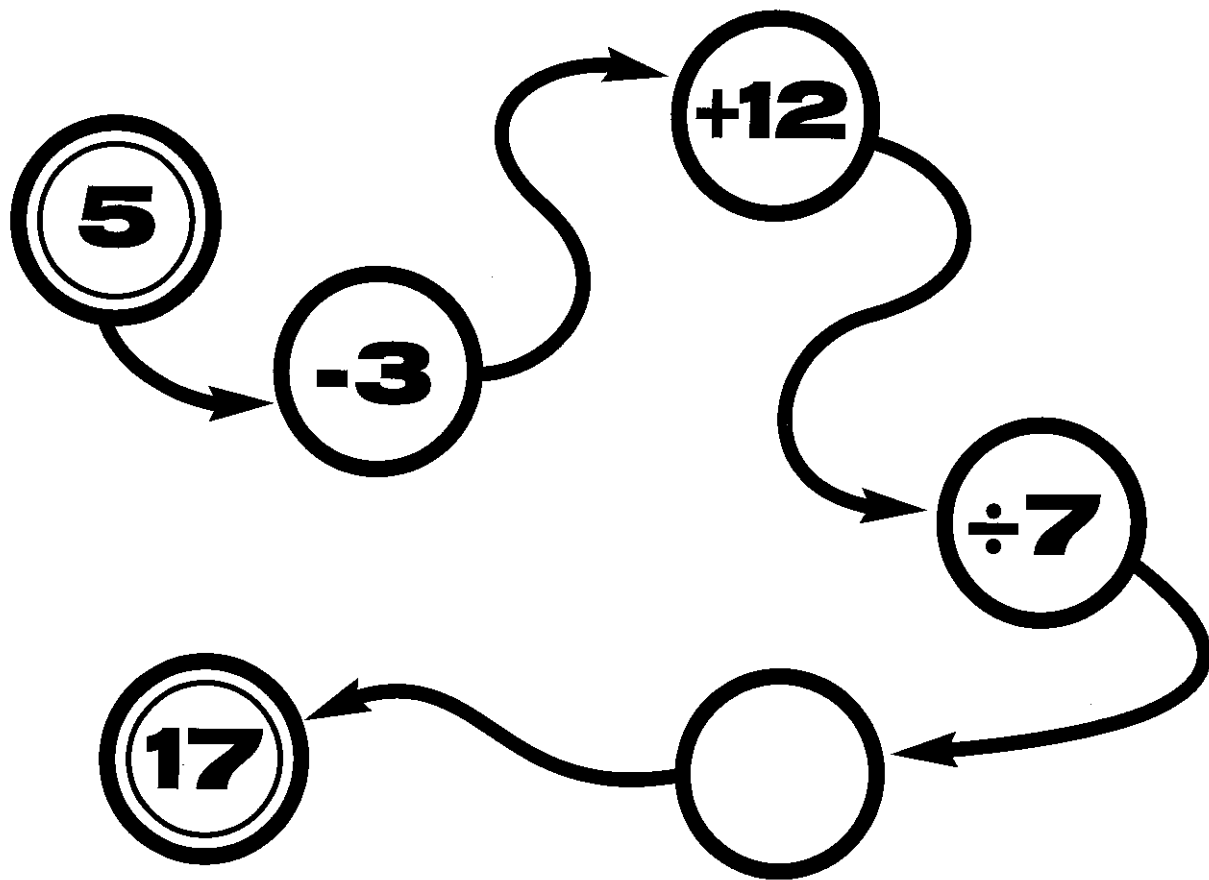
Show your work here:

MATH PATH PUZZLE #35 LEVEL A



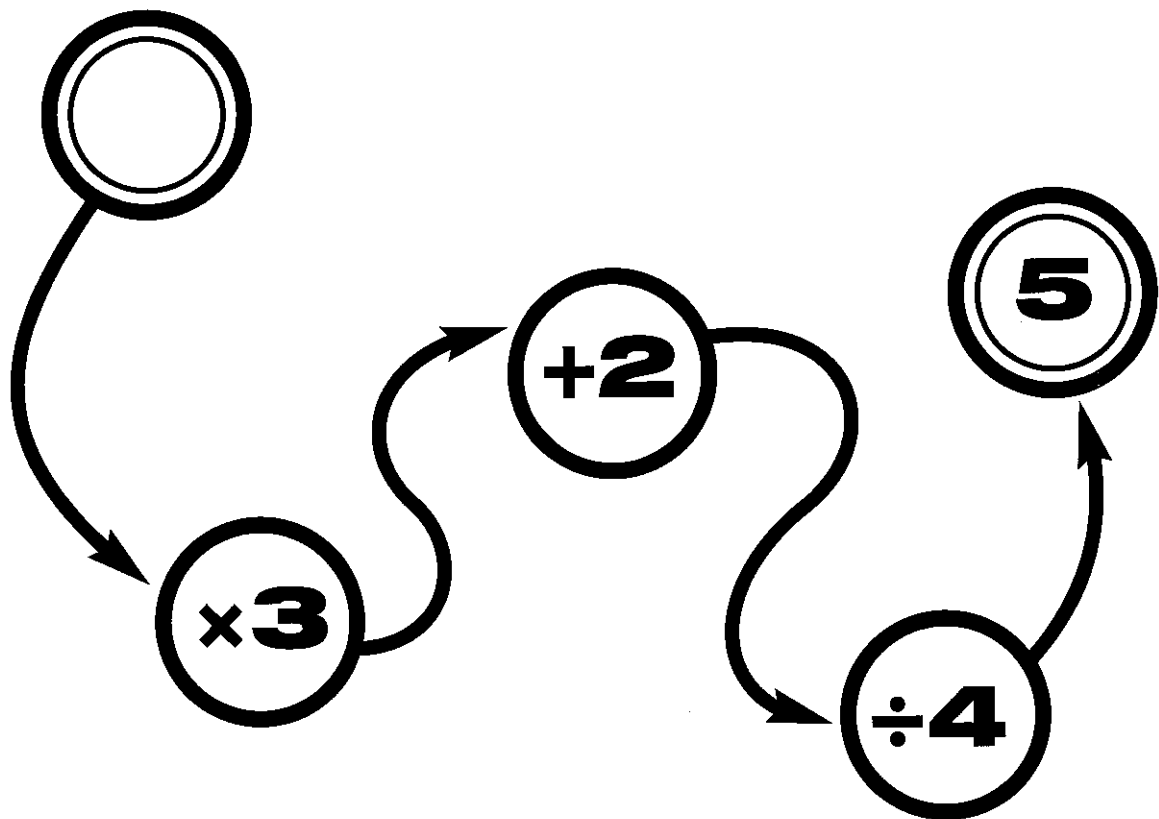
Show your work here:

MATH PATH PUZZLE #36 LEVEL A



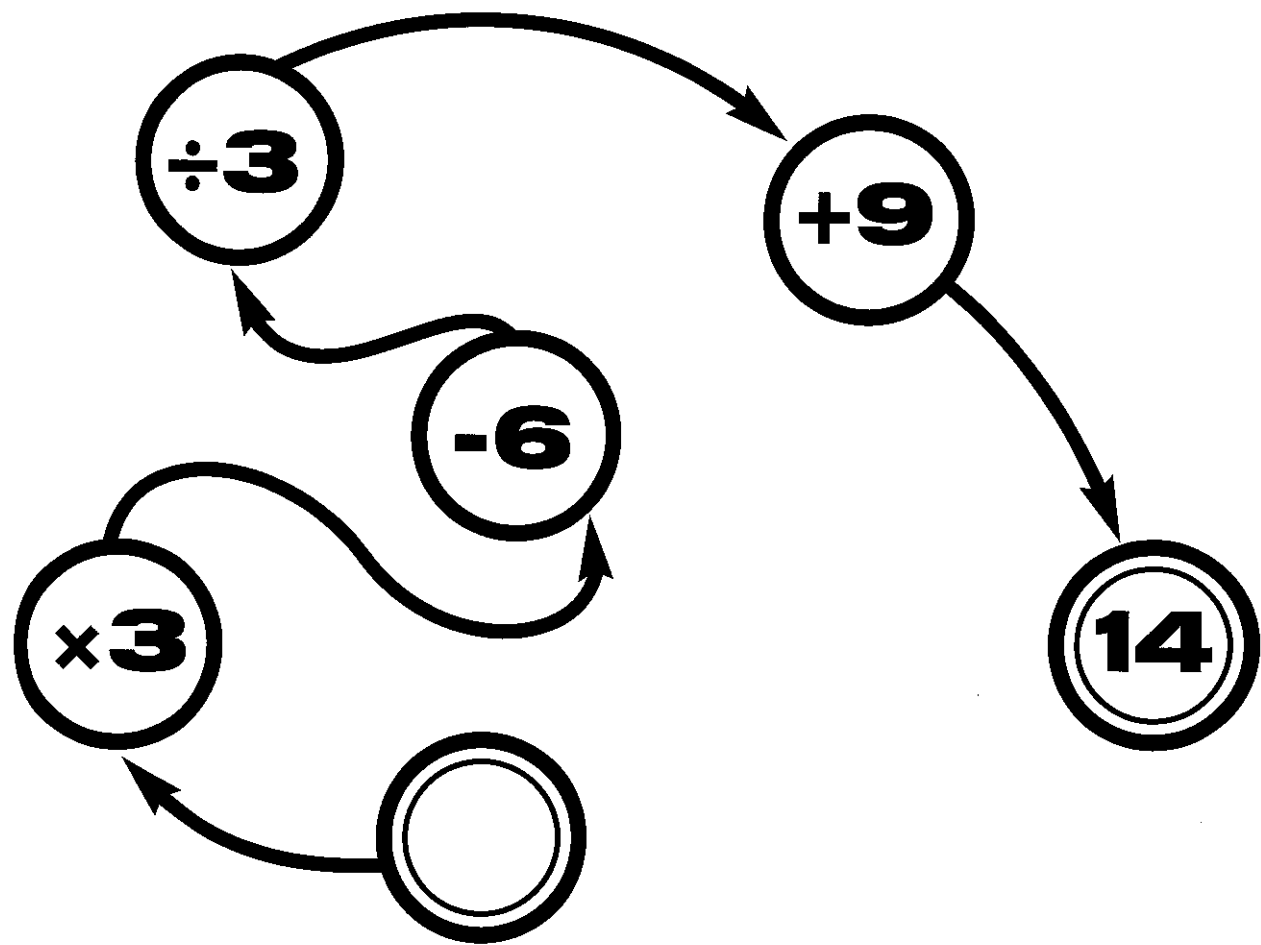
Show your work here:

MATH PATH PUZZLE #37 LEVEL A



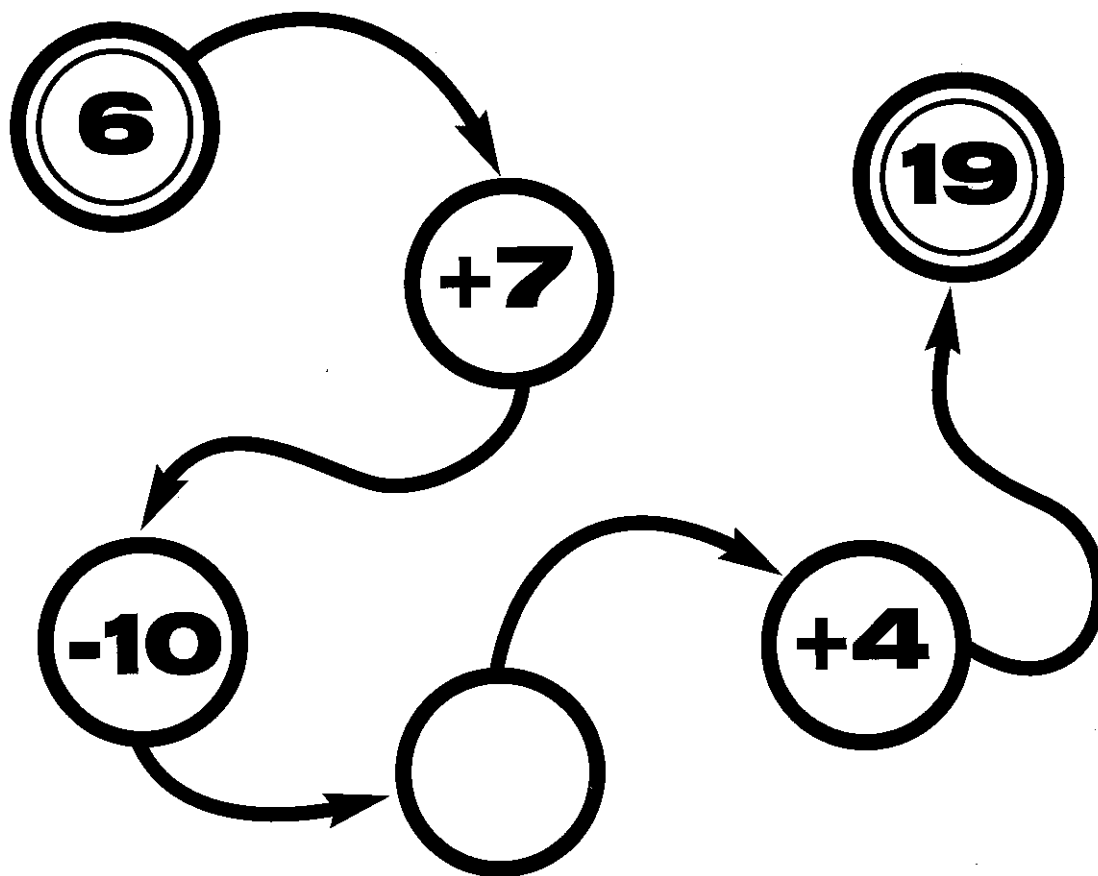
Show your work here:

MATH PATH PUZZLE #38 LEVEL A



Show your work here:

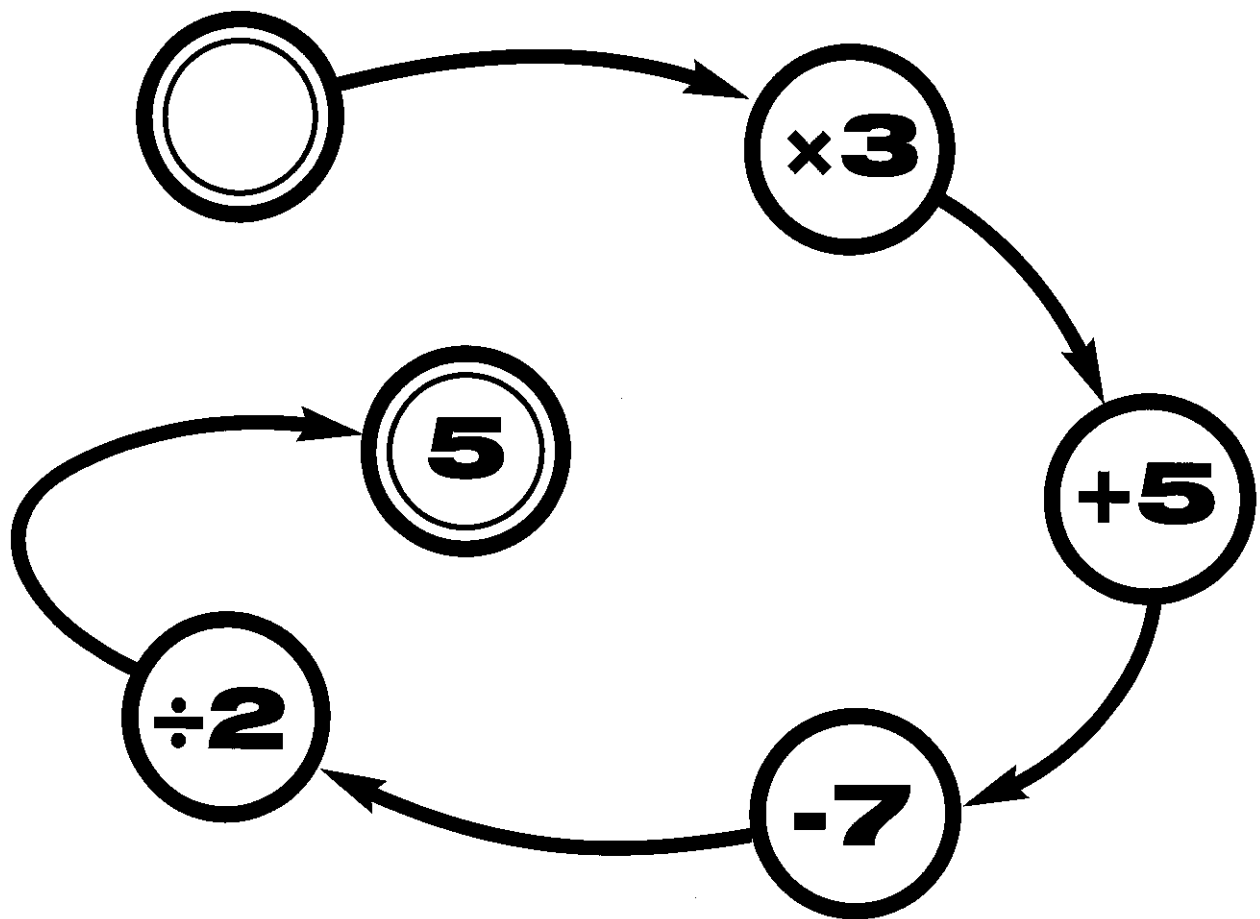
MATH PATH PUZZLE #89 LEVEL A



Find 2 solutions

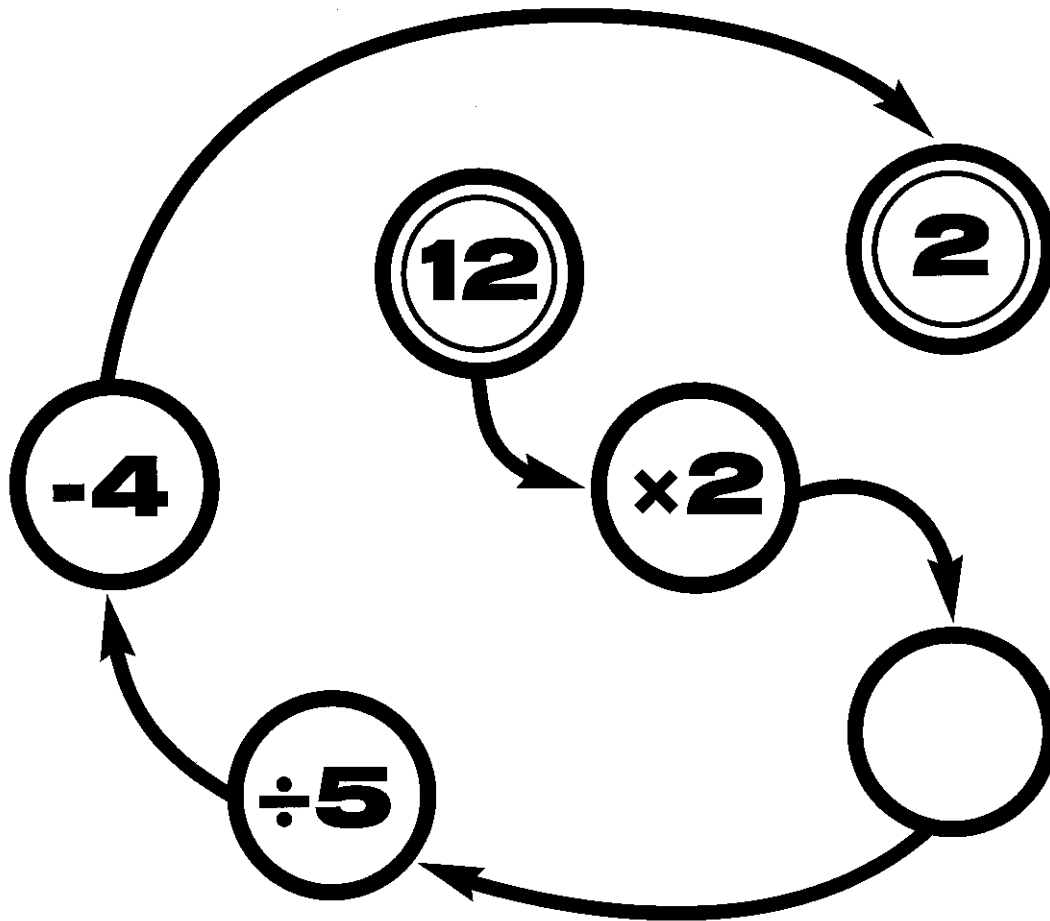
Show your work here:

MATH PATH PUZZLE #40 LEVEL A



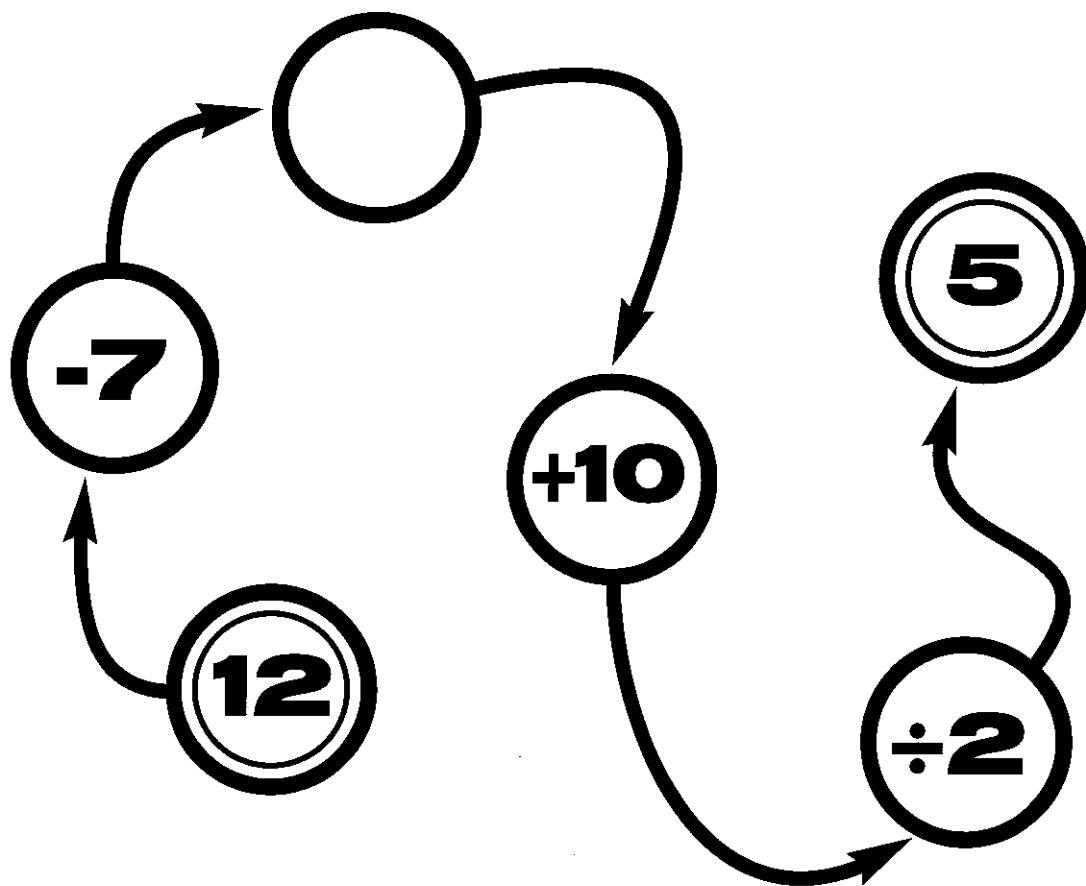
Show your work here:

MATH PATH PUZZLE #41 LEVEL A



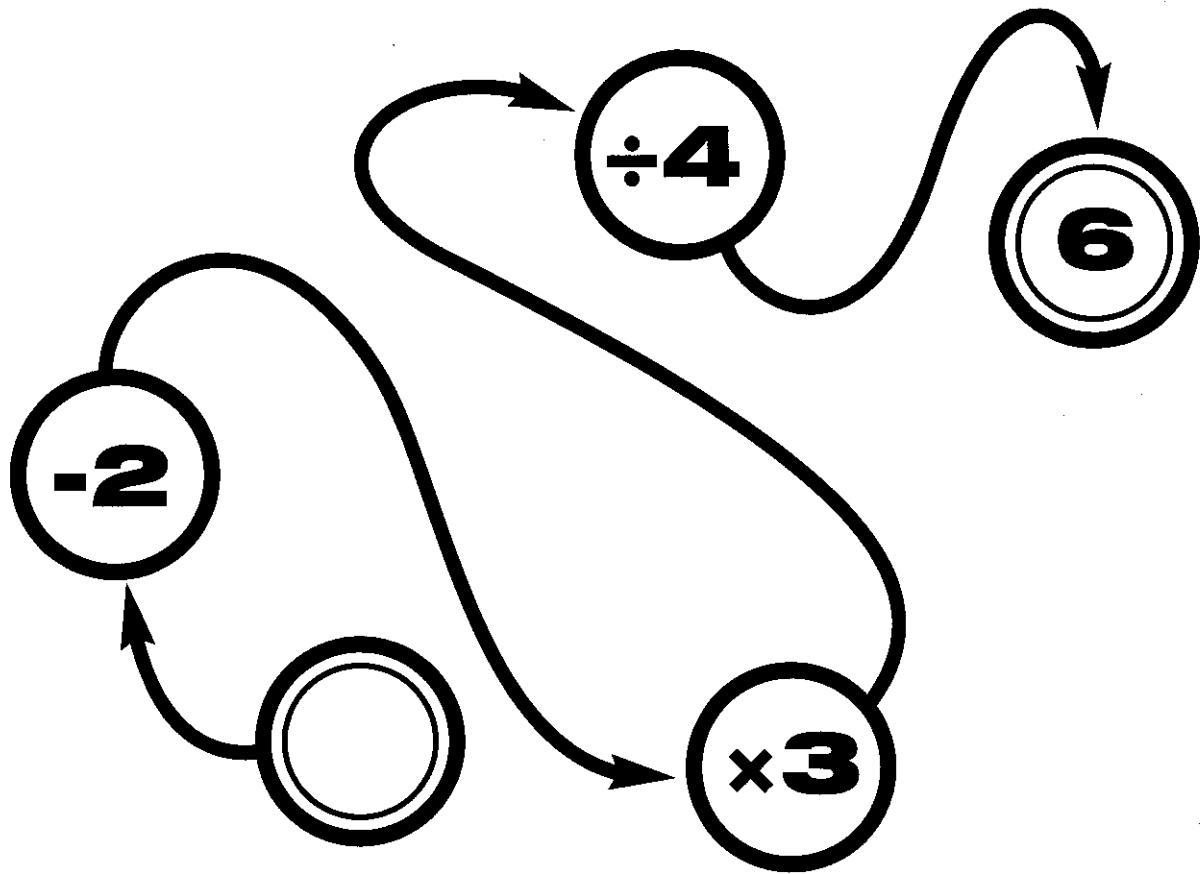
Show your work here:

MATH PATH PUZZLE #42 LEVEL A



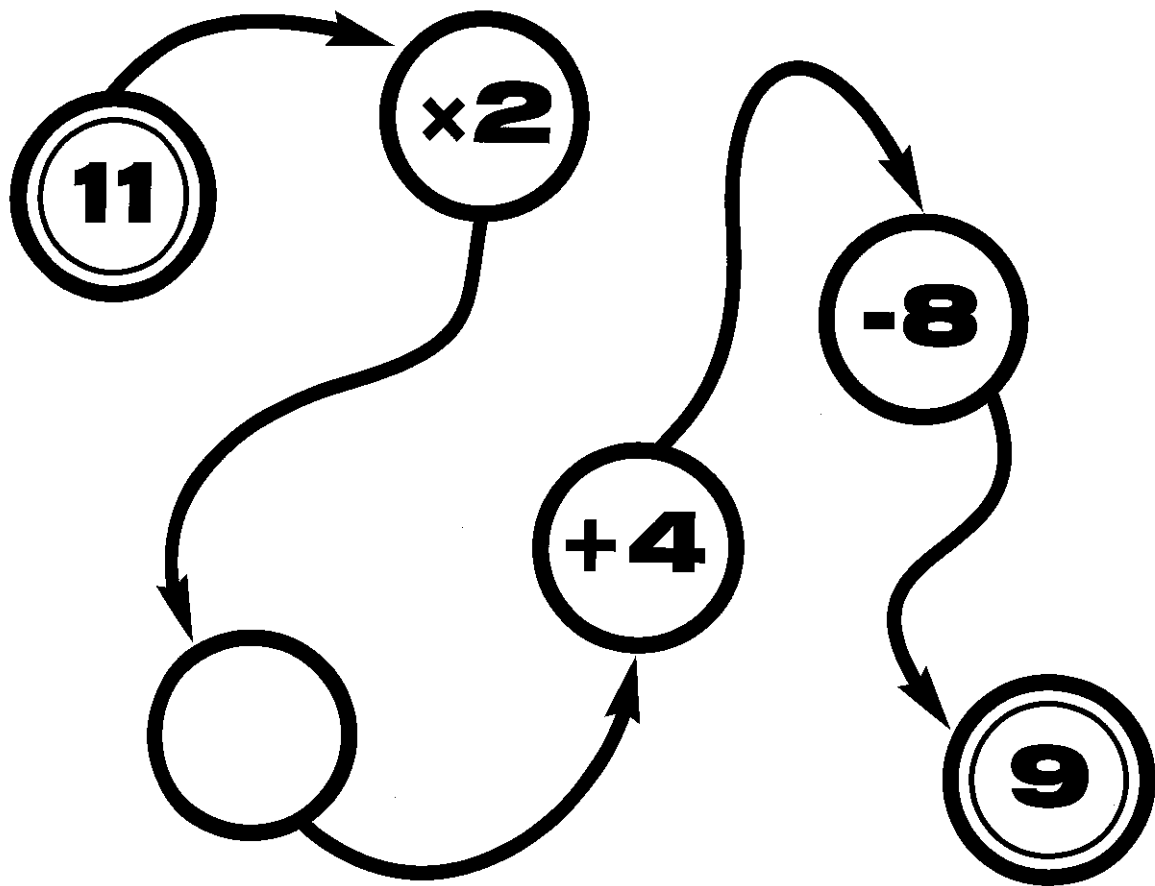
Find 2 solutions

Show your work here:



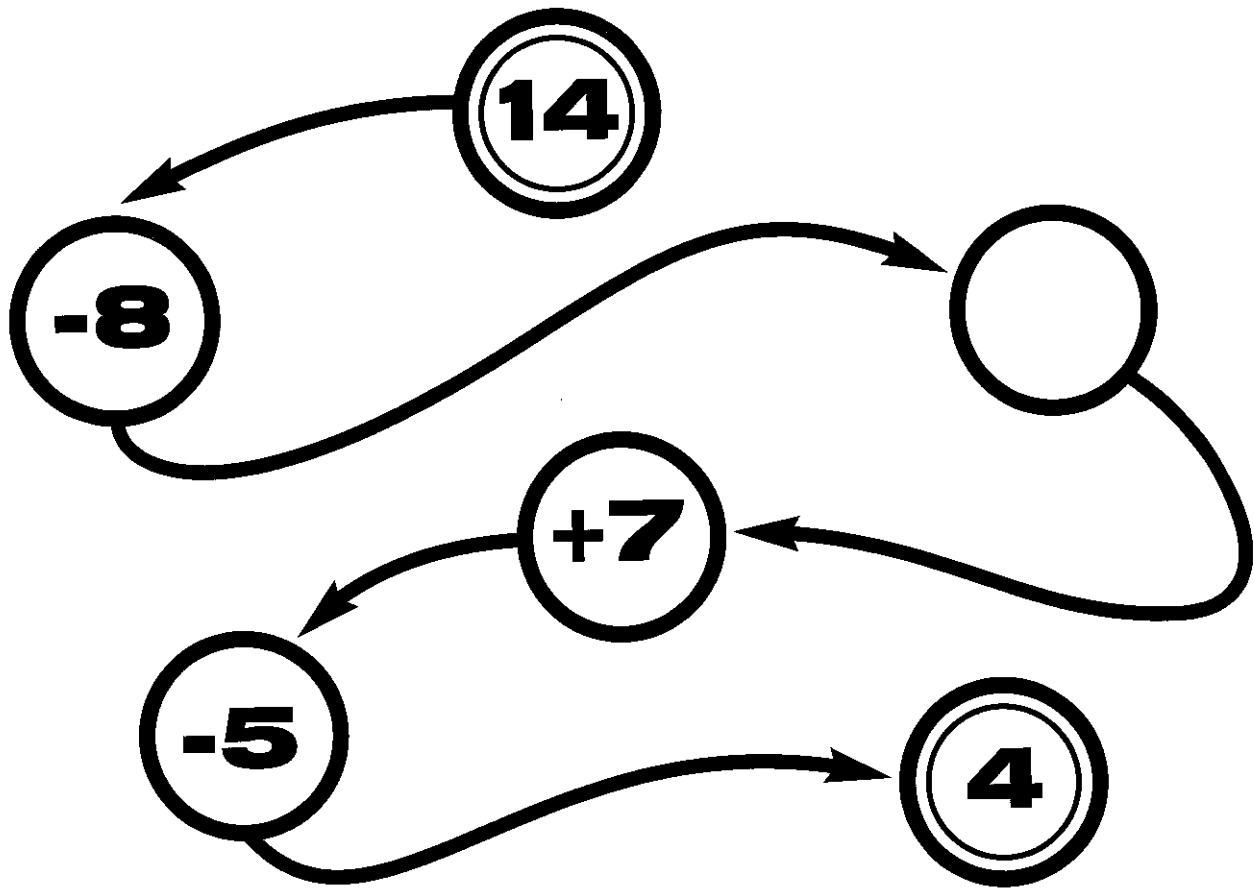
Show your work here:

MATH PATH PUZZLE #44 LEVEL A



Show your work here:

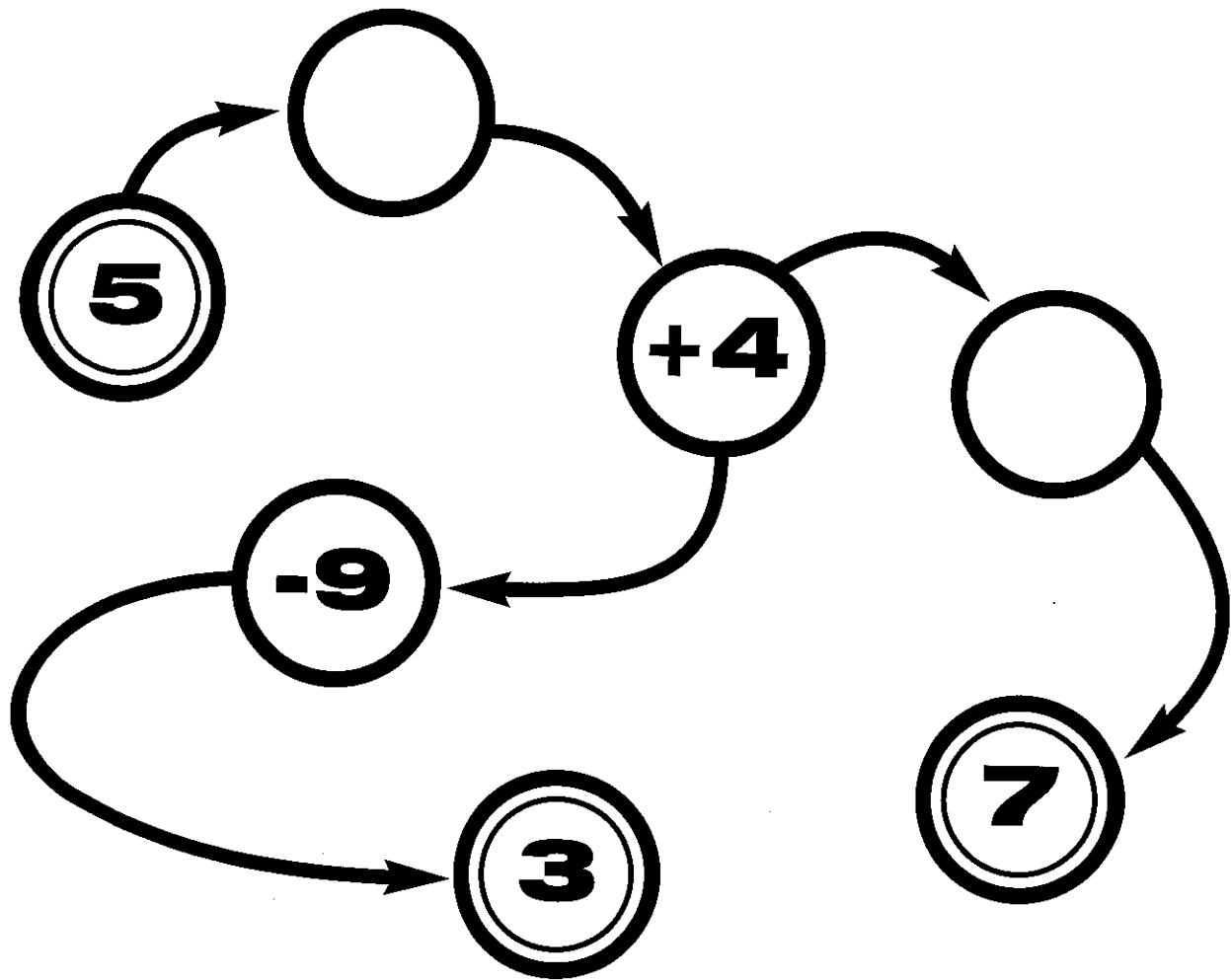
MATH PATH PUZZLE #45 LEVEL A



Find 2 solutions

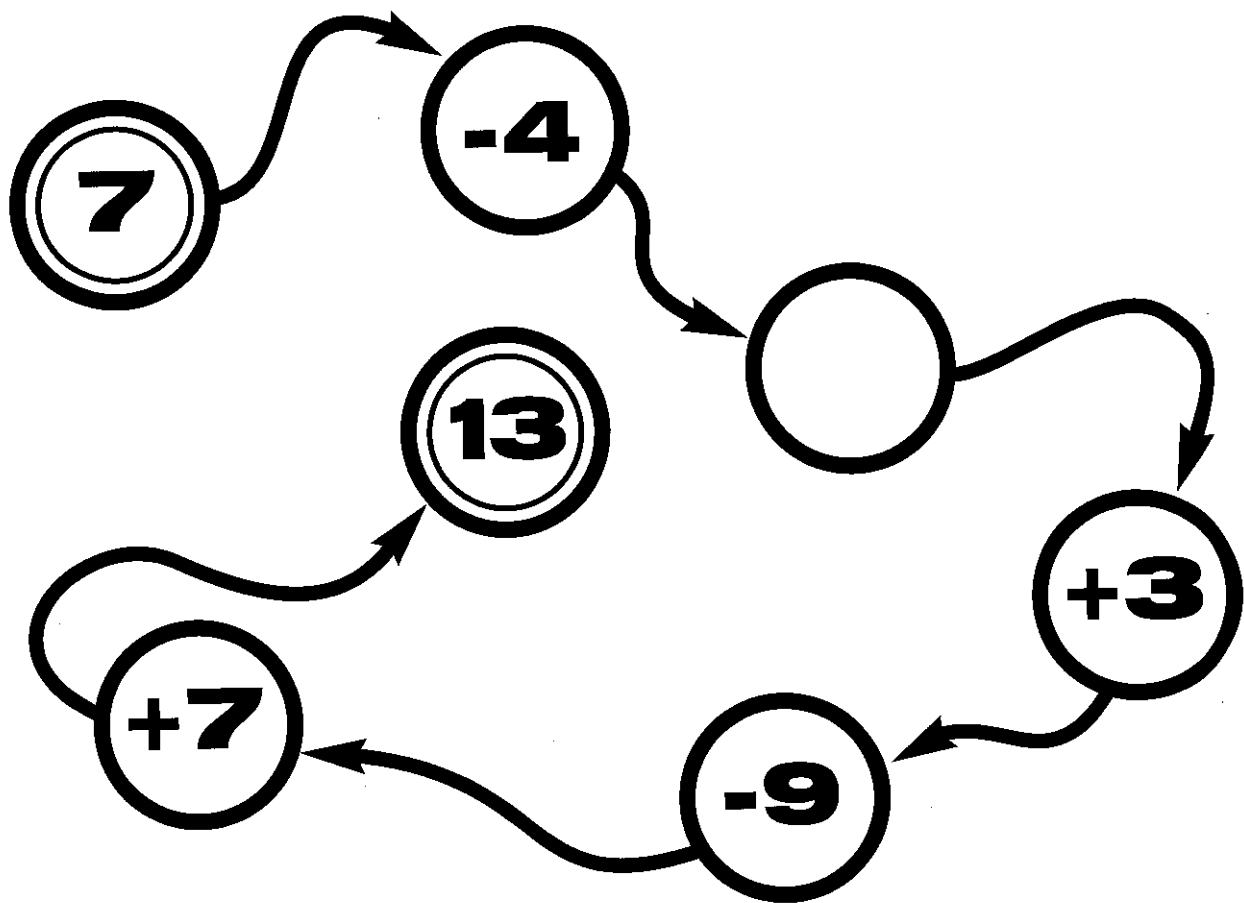
Show your work here:

MATH PATH PUZZLE #46 LEVEL A



Show your work here:

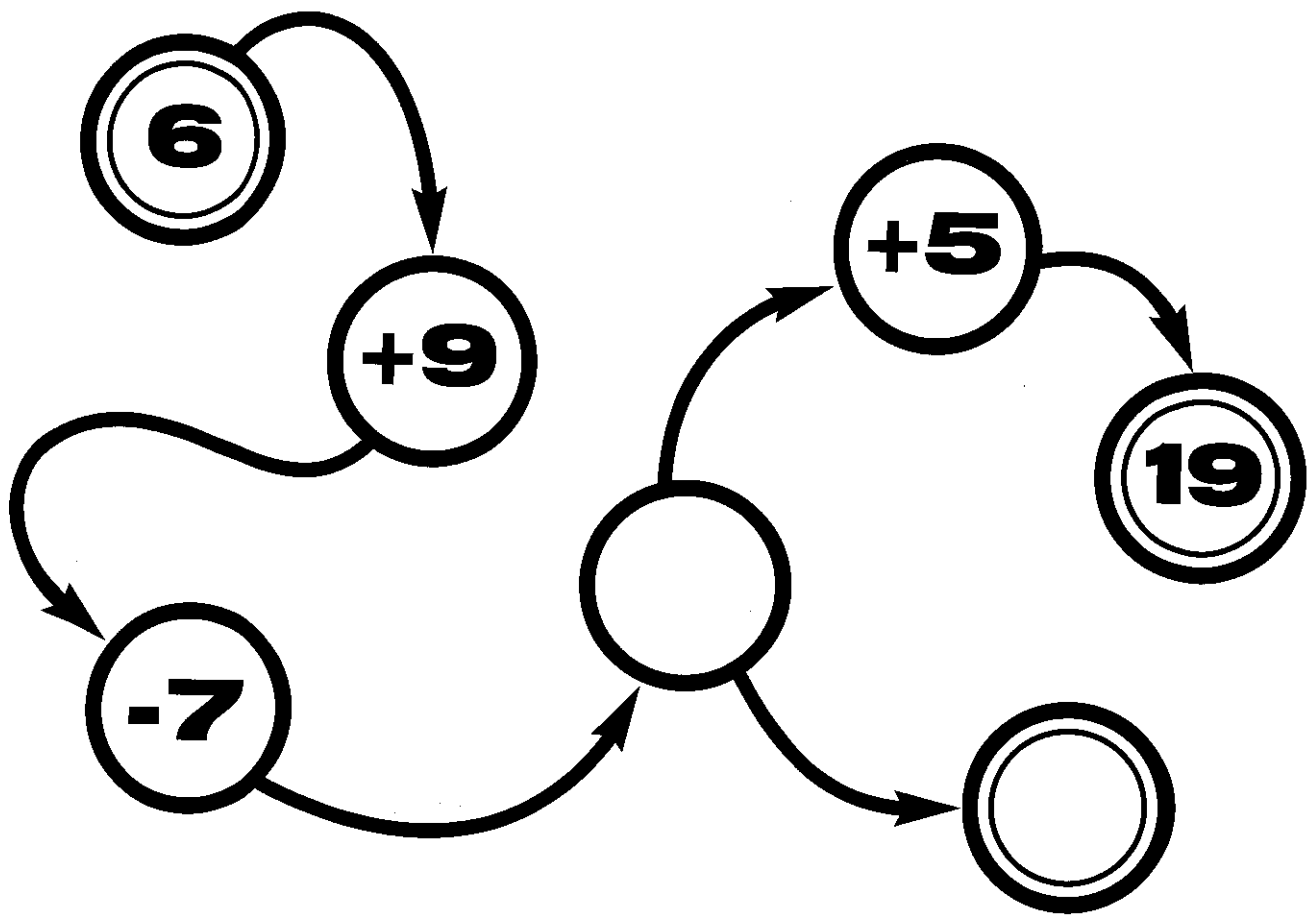
MATH PATH PUZZLE #47 LEVEL A



Find 2 solutions

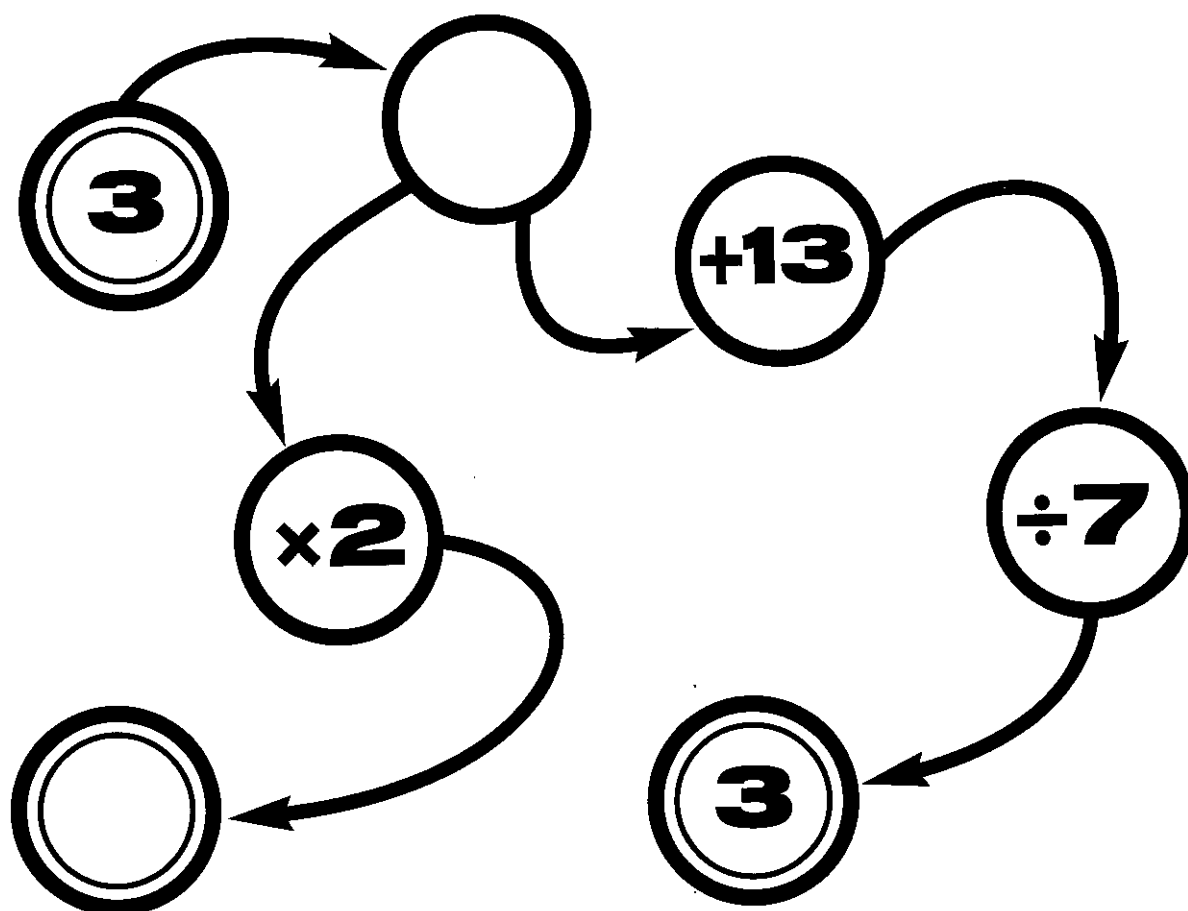
Show your work here:

MATH PATH PUZZLE #48 LEVEL A

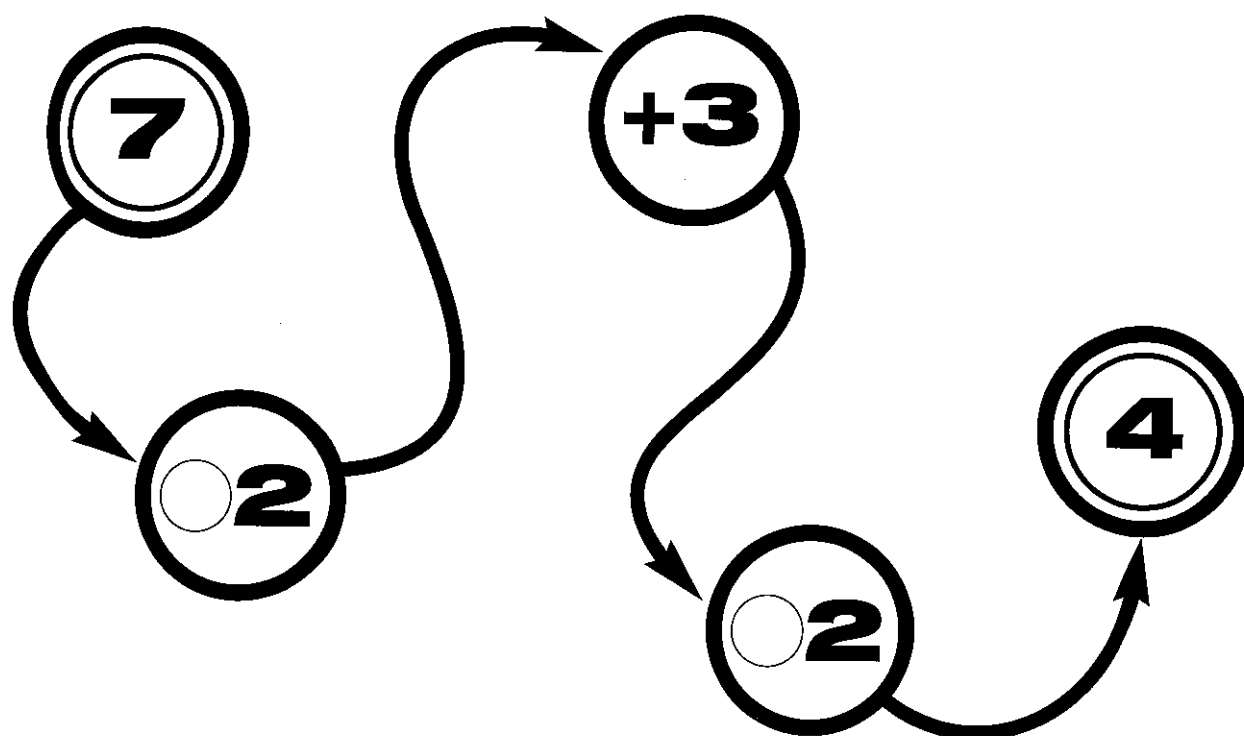


Show your work here:

MATH PATH PUZZLE #49 LEVEL A



Show your work here:



Show your work here:

1. 11
2. 5
3. 9
4. 6
5. 0
6. 13
7. 17
8. 10
9. 6, 13
10. 8, 7
11. 9
12. 30
13. 8
14. 13
15. 5
16. -6
17. +4
18. +7
19. -6
20. +5
21. -3
22. -10
23. -6
24. 5
25. +6
26. 7
27. -4
28. -7
29. +3
30. +9
31. -6
32. +4
33. -7
34. +7
35. 10
36. +15
37. 6
38. 7
39. x5, +12
40. 4
41. +6
42. x0, -5
43. 10
44. -9
45. -4, ÷3
46. +3, -5
47. +9, x4
48. +6, 14
49. +5, 16
50. -2, ÷2