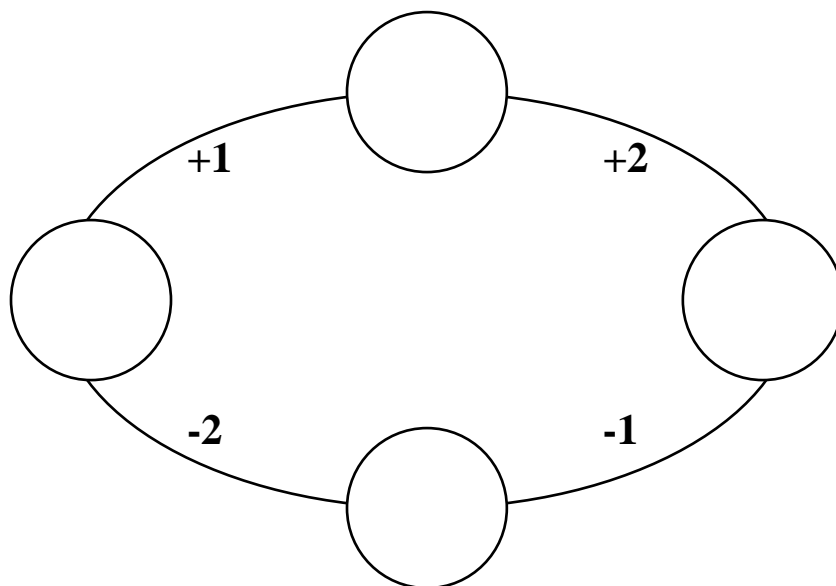


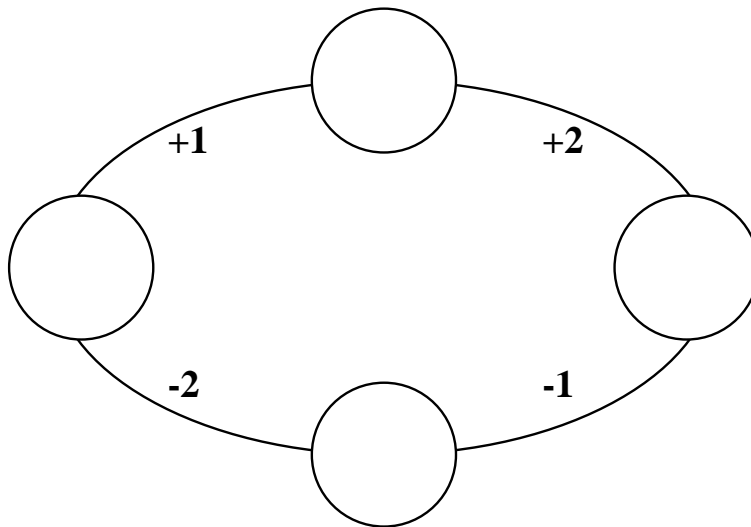
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# Add-Rings

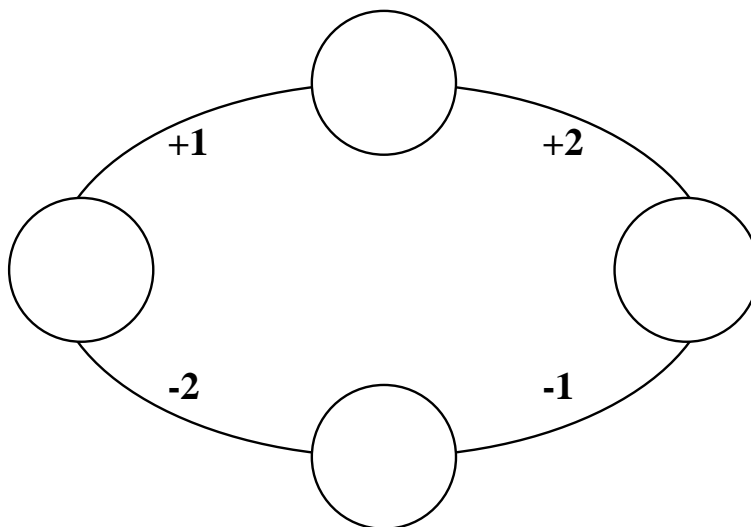
Here is a special kind of number ring. Any number that goes into one of the circles on the ring gets changed around as it goes through the other circles.



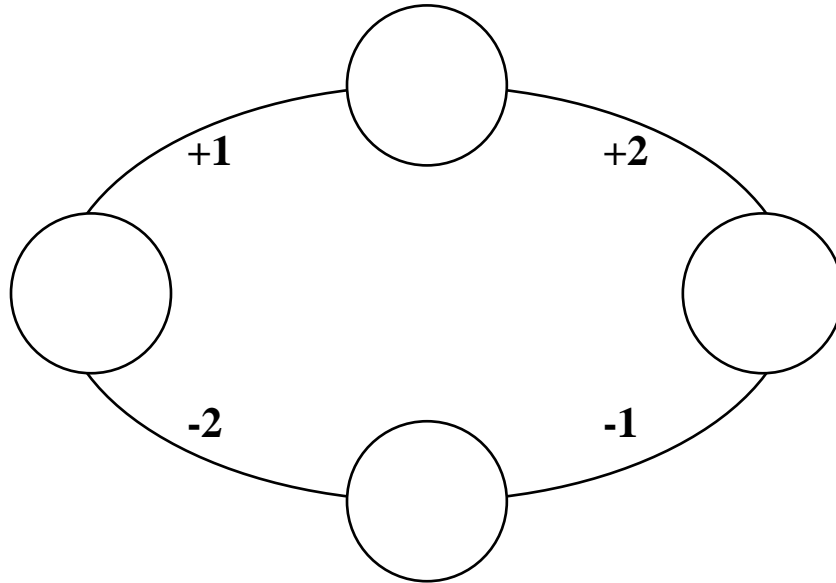
1. Try this ring. Write the number **2** into the top circle and go around the ring. Follow the instructions to add or subtract, and write the correct answer inside each circle. What is your answer when you get back to the top circle?



2. Do this again: put the number **2** into the top circle, but this time go in the opposite direction around the ring. What is your answer when you get back to the top circle?



3. Try the ring again. This time put the number **3** in the bottom circle. Go around the ring, following the directions for addition and subtraction, and write the correct answer inside each circle. What is your answer when you get back to the bottom circle?



4. Now pick any number you wish, and put it in either one of the side circles. Follow around the ring in whichever direction you choose, adding and subtracting as you go. What happens when you get back to the circle where you started?

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5. Explain in words why you think you got the answers you did, each time you came back to the circle where you had started.

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