

## ZOMBIE FACT #9

# MENTAL ABILITY

In some rare instances, brain activity and intelligence are preserved in zombies, allowing them to perform basic mathematical operations and transformations.

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$$R(A(r,r,r)) = \text{"BBBRRRRRAAAIIINNN"} \text{ where } r = N(\text{"BRAAIN"})$$

$$S(\text{"BBBRRAAAAIIIN"}) = \text{"BBRRAAAAIIIIIN"} = A(\text{"RAAA"}, \text{"BBRAAIIIIIN"})$$

$$I(\text{"BBBRRAAAAIIIN"}) = N(\text{"BBBRAAIIIIIN"}) = R(\text{"BRRAAAAAAINNNN"})$$

$$B^{-1}(\text{"BRAIN"}) = \text{"BBRRRRRRRRRRRRRRRRRAIIIIIIINNNNNNNNNNNNNNNNN"}$$

$$S(\text{"RAAIIIN"}) = \text{undefined and } S(r) = \text{"RRAIIIN"}$$

$$\lim_{n \rightarrow \infty} R^{(n)}(x) = \text{""} \text{ and } I(I(x)) = x \text{ and } N^{(5)}(x) = x \text{ for all values of } x$$

$$A(A, B) = \text{"BRAIN"} \text{ and } B \neq \text{""}$$

$$R = N(S(A(A, B, B, B)))$$

$$A = N(I(A)) \text{ and both } S(A) \text{ and } S(N(A)) \text{ are defined}$$

$$A(I(B), I) = A(A, A, A, A, B)$$

$$N = A(R, N^{-1}(R))$$

$$S = A(I, I, I, I)$$

$$\text{ANSWER} = B(R(A(I(N), S)))$$