

Summer Session Week 6

Homework

August 2021

Suppose we have two functions, f and g , and that they are both bijective. What do we need so that $f \circ g$ makes sense? Assume that $f \circ g$ makes sense. By a previous exercise, that function is also bijective, so there is an inverse. Find a formula for the inverse of $f \circ g$. (Hint: the formula uses f^{-1} and g^{-1} , and nothing else)