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where  $D$  is the disk  $x^2 + y^2 \leq 16$ . Now suppose  $E$  is the disk  $x^2 + y^2 \leq 64$  and  $g(x, y) = 4f(x/2, y/2)$ . What is the value of  $\iint_E g(x, y) \, dA$ ?

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