## 1039-47-90 Sandy Grabiner\* (sgrabiner@pomona.edu), Department of Mathematics, Pomona College, 610 N. College Avenue, Claremont, CA 91711. Good-enough Weights for Convolution Algebras on R+. Over 25 years ago, a class of weights, now usually called algebra weights, on R+ was introduced for which the weighted convolution algebras of functions and of measures, L1(w) and M(w), were both Banach algebras and had the same relation as in the unweighted case. Over the years many additional results were proved for algebras with these weights. When other weights arose, such as from continuous semigroups, one tried to construct an equivalent algebra weight for which the algebras L1(w) and M(w) were unchanged and the norms were equivalent to the original norms. We now show that one can always find an equivalent algebra norm whenever M(w) is an algebra, or, equivalently, when w(x+y) !'Ü Kw(x)w(y) for some positive K. Such weights are thus good enough so that all results known isometrically for algebra weights remain true isomorphically. (Received March 07, 2008)