What is the equation for the reaction of nitric acid with marble chips?

$$CaCO_3 + 2HNO_3 \rightarrow Ca(NO_3)_2 + H_2O + CO_2$$

What mass of carbon dioxide is formed when 20 g of calcium carbonate reacts with nitric acid. (Relative atomic masses: (Ar C=12 Ar O=16; Ar Ca=40)