Name: $\qquad$
Date: $\qquad$

## Unit conversion - formulas: $\mathbf{F}=\mathbf{m a}$

You drop a 100 g marble from a height of 10 m , and measure it's acceleration at 9.9 meters per second squared. What is the force of gravity on the marble, in Newtons?

Show your work, and write your answer in a complete sentence.

