**Noteguide for Mass vs. Weight - Videos 4C Name**

Mass Weight

Example: What is the weight of a 5.0 kg mass on earth?

Try these example problems. Don't freak out if you can't immediately get the answer. We will work on these as a group in class. They are solved in the linked videos that follow the main one

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| 1. What is the weight of a 20.3 gram European Swallow? (0.199 N) | 2. What is the mass of an object that weighs 582 N on earth? (59.3 kg) |
| 3. A 62.0 kg person weighs 101 N on the moon. What is the moon’s “g”? (1.63 N/kg) | |