

Calculating Charges

Name: _____ Block: _____

1. What's the charge on a single electron?
2. What's the charge on two electrons?
3. What's the charge on ten electrons?
4. What's the charge on 1.0×10^9 electrons?
5. How many electrons does it take to make a charge of -3.2×10^{-19} C?
6. How many electrons does it take to make a charge of -4.8×10^{-19} C?
7. How many electrons does it take to make a charge of -8.0×10^{-19} C?
8. How many electrons does it take to make a charge of -30.0 nC?
9. What's the charge on 2.0×10^{15} protons?
10. How many electrons does an object have to lose to get a charge of $+3.0$ μ C?