Name: _____   Period : _____

Chemistry 11
Moles and Avogadro's Number Worksheet

Directions: Answer in the space provided. Be sure to show all your work. Have fun and enjoy the chemistry awesomeness. Use 6.02×10^{23} for Avogadro's number.

How many molecules in the following?

1. 3.25 mols

2. 5.00 mols

3. 1.275 mols

4. 0.07950 mols

5. 0.004580 mols

6. 125.25 mols

How many moles in the following molecules?

7. 1.356×10^{23}

8. 5.689×10^{24}

9. 1.005×10^{26}

10. 4.25×10^{21}

11. 6.985×10^{25}

12. 5.258×10^{22}