

Name:

Date:

1. How many atoms are in 3.5 grams of silicon?
2. How many formula units are in 32.6 grams of potassium oxide?
3. How many molecules are in 0.25 grams of dinitrogen pentoxide?
4. How many atoms are in a sample of copper with a mass of 18.46 grams?
5. How many formula units are in a sample of salt with a mass of 67.69 grams?
6. How many molecules are in a sample of water with a mass of 44.99 grams?