

Mehr Moles Praxis für Deine Vergnügen!

1. How many grams of carbon are in 3 moles of table sugar (sucrose)?
2. How many formula units are in  $4.53 \times 10^{19}$  g of zinc nitrate?
3. What is the molar mass of magnesium sulfate heptahydrate?
4. How many atoms of nitrogen are in ammonium nitrate?
5. Which has more formula units: 1 mole of sodium chloride or 1 mole of sodium sulfate?
6. How many grams are in  $9.57 \times 10^8$  molecules of dinitrogen pentoxide?
7. Calculate the number of atoms of oxygen are in 50 grams of barium hydroxide.
8. What is the mass of chlorine in 575 g of magnesium perchlorate?
9. Calculate the molar mass of iron (III) dichromate.
10. How many phosphate ions are in 3 moles of calcium phosphate?
11. Calculate the grams of hydrogen in 2000 molecules of acetic acid.
12. Calculate the mass of 10 molecules of water.
13. How many moles are in 250 *mg* of copper (II) chloride?
14. Why does 1 mole pile of table sugar look like more than a 1 mole pile of table salt?
15. If you had 3 billion pennies, what part of a mole would that be?
16. How many pieces of Hubba Bubba Bubble gum would it take to make a mole?