

Mod 6 Vocab

Across

9. A formula giving the number of atoms of each of the elements present in one molecule of a specific compound.

10. A compound, typically a crystalline one, in which water molecules are chemically bound to another compound or an element.

11. The unit is defined as the amount or sample of a chemical substance that contains as many constitutive particles

12. Amounts of products calculated from the complete reaction of the limiting reagent

Down

1. The percent ratio of actual yield to the theoretical yield.

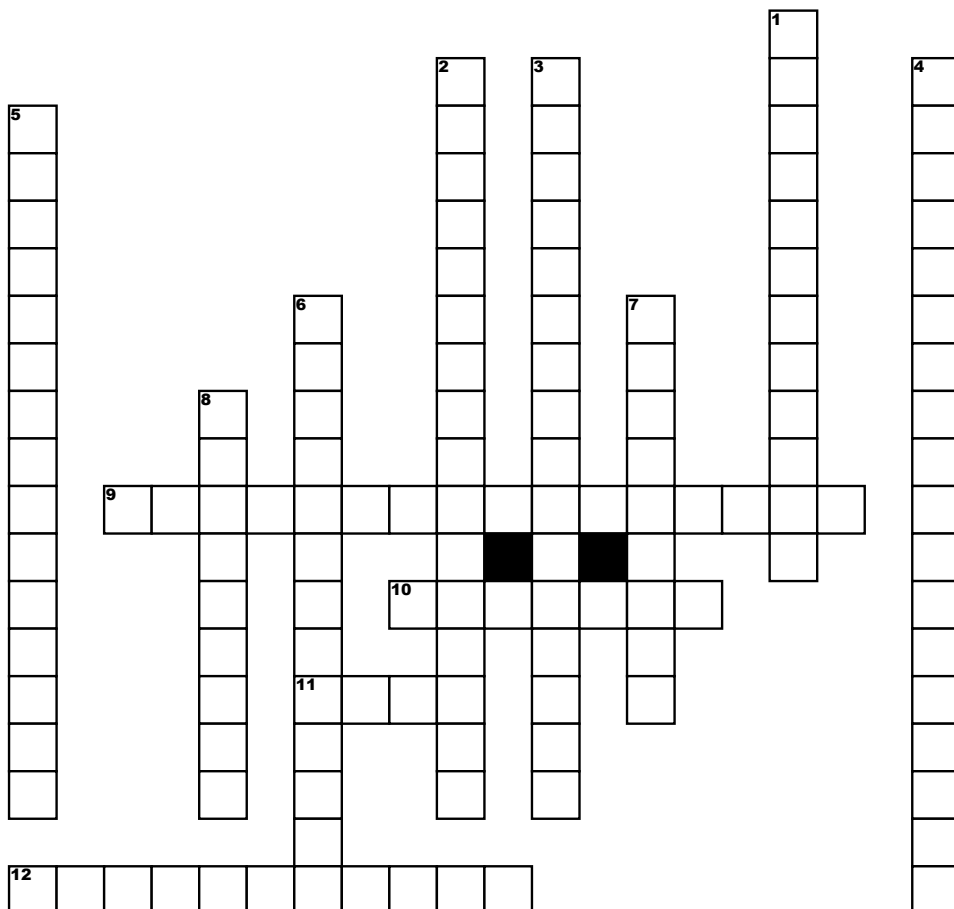
Calculated to be the experimental yield divided by theoretical yield multiplied by 100%

2. The quantity of a product obtained from the complete conversion of the limiting reactant in a chemical reaction

3. A formula giving the proportions of the elements present in a compound but not the actual numbers or arrangement of atoms.

4. The percentage by mass of each element in a compound.

5. The number of units in one mole of any substance, equal to $6.022140857 \times 10^{23}$



6. The relationship between the relative quantities of substances taking part in a reaction or forming a compound, typically a ratio of whole integers.

7. The ratio between the amounts in moles of any two compounds involved in a chemical reaction

8. Physical property defined as the mass of a given substance divided by the amount of a substance.

