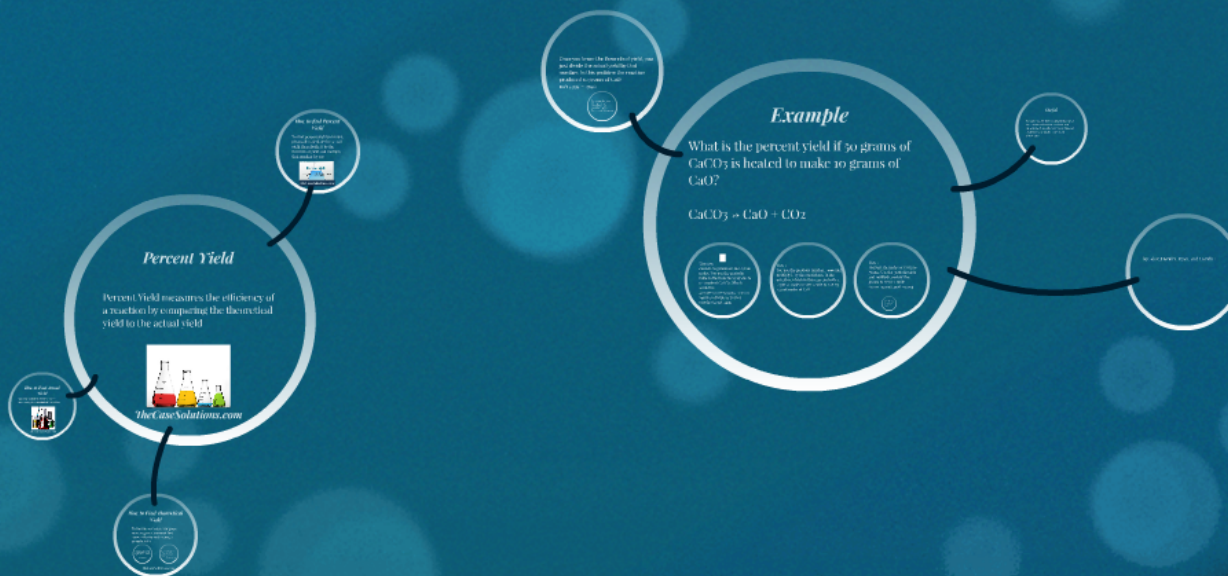




Yieldex (B)

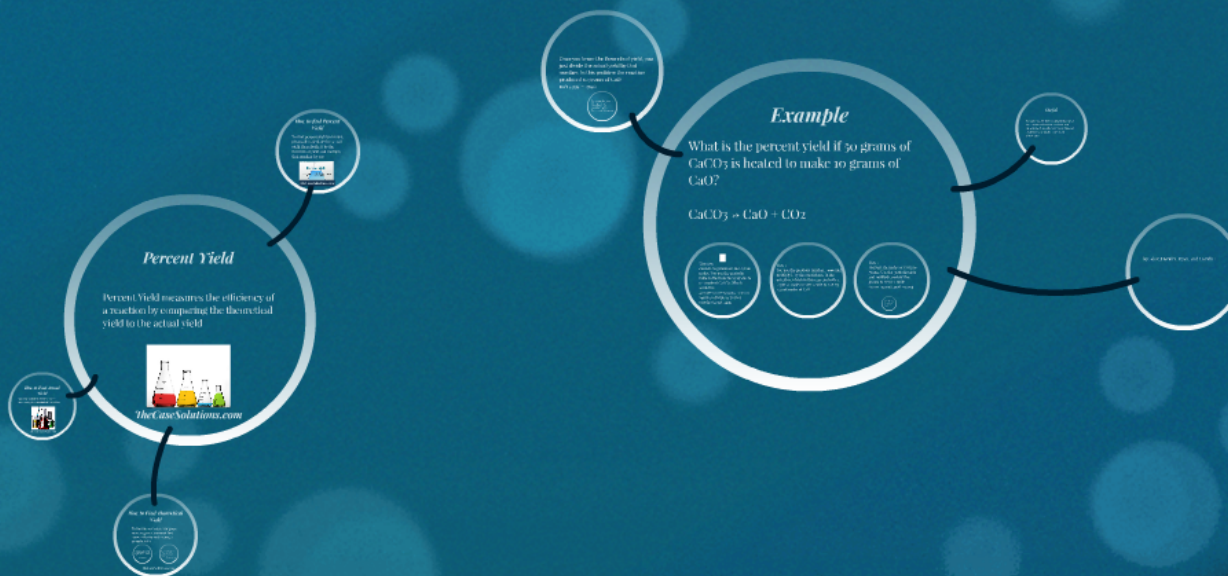
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Yieldex (B)

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Percent Yield

Percent Yield measures the efficiency of a reaction by comparing the theoretical yield to the actual yield



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How to find Percent Yield

To find percent yield you must physically calculate the actual yield then divide it by the theoretical yield and multiply that number by 100



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How to Find Actual Yield

You find actual yield by actually measuring the product of a reaction



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How to Find Theoretical Yield

To find theoretical yield if given mass in grams, you must first convert that to moles using a periodic table



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How to Find Actual Yield

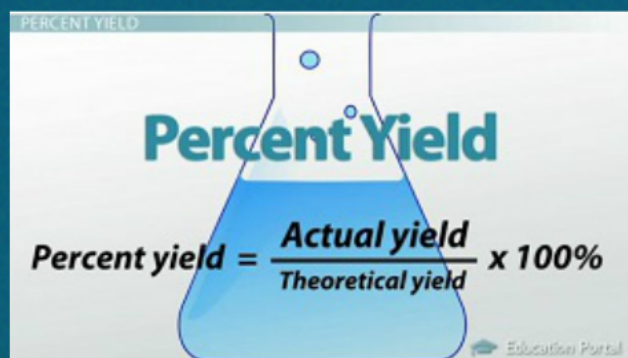
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PERCENT YIELD

Percent Yield

$$\text{Percent yield} = \frac{\text{Actual yield}}{\text{Theoretical yield}} \times 100\%$$

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How to Find Theoretical Yield

To find theoretical yield if given mass in grams, you must first convert that to moles using a periodic table

After converting to moles you multiply that number by the coefficient of the equation, keeping the unit you want to eliminate on the bottom and the one you're converting to on top.

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Next, multiply that number by a number you find using the periodic table to find the molar mass of the chemical you're converting to

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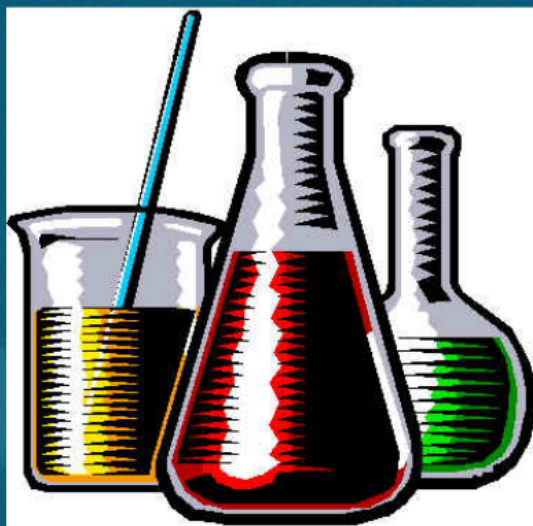
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