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love and chemistry to related Vocabulary about Worksheet الملف

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"Chemicals That Make You Feel Love"



NAME: _____

DATE: _____ **GROUP:** _____

I. Listen to the text " Chemicals That Make You Feel Love" as many times as you need.

II. Match with the correct word.



Phenylethylamine or PEA:

Norepinephrine

Dopamine:



It is a neurochemical that appears to be associated with mate selection. An Emory University study found that voles (a type of rodent) chose their mate based on dopamine release. When female voles were injected with dopamine in the presence of a male vole, they could select him from a group of voles later.

This is a chemical that naturally occurs in the brain and is also found in some foods, such as chocolate. It is a stimulant, much like an amphetamine, that causes the release of norepinephrine and dopamine. This chemical is released when you are falling in love. It's responsible for the head-over-heels, elated part of love.

It causes this chemical to be released, you feel the effects in the form of sweaty palms and a pounding heart.



III. Complete with the correct word:

1. _____ Dopamine triggers the release of oxytocin, which is sometimes called the "cuddle hormone." In both genders, oxytocin is released during touching. In women, oxytocin is released during labor and breastfeeding.
2. _____ A chemical that is more prevalent among people with compulsive disorders, serotonin can increase our dependence on another person.
3. _____ Your brain acquires a tolerance to the love stimulants and starts to release endorphins. The honeymoon is over, chemically, around 18 months to 4 years into a relationship. However, this isn't all bad. Endorphins are associated with feelings of attachment and comfort. Endorphins are like opiates. They calm anxiety, relieve pain and reduce stress.

Reference: Marie Helmenstine, Anne (2019). Chemicals That Make You Feel Love. ThoughtCo.