



Name _____ Class _____ Date _____



What is Heroin?

Heroin is made from **morphine**, a natural substance taken from the seed pod of **opium poppy plants** in Southeast and Southwest Asia, Mexico and Colombia. Heroin can be *injected, sniffed, snorted* or *smoked*.



The Connection between Opioids & Heroin

Heroin is a type of **opioid**. Just like other opioids, heroin binds to the **opioid receptors** in the brain and body causing the release of **dopamine**.

heroin activates dopamine receptors

ventral tegmental area (VTA)



PREVIEW

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people using and becoming addicted to heroin.

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Heroin use has been **increasing**. The number of people using heroin has more than **doubled** in the past 15 years, to nearly one million in 2016.¹

*20% of 12th graders said they could easily get heroin if they wanted to.*²

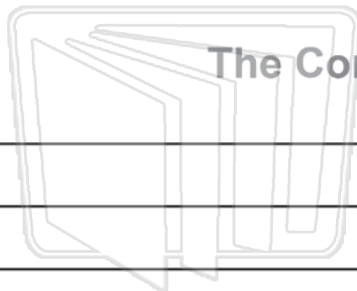
¹ Center for Behavioral Health Statistics and Quality. Results from the 2016 National Survey on Drug Use and Health. www.samhsa.gov.

² Johnston L, O'Malley P, Miech R, Bachman J, Schulenberg J. *Monitoring the Future National Survey Results on Drug Use, 1975-2016: Overview, Key Findings on Adolescent Drug Use*. Ann Arbor: Institute for Social Research, University of Michigan; 2017.



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What is Heroin?

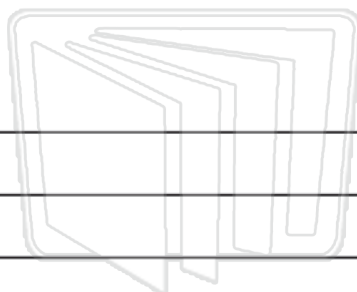


The Connection between Opioids & Heroin



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Who uses Heroin?

