

TRUE COST OF TOBACCO



Question 1

Number of Vape Devices x Cost x Months = Money Saved/Spent
Cost of item/Money Saved Monthly = Months to Save

- A. Ella takes her disposable e-cigarette everywhere with her. She goes through six each month. If one disposable e-cigarette costs \$15, how much money does she spend on vaping each month?
- B. After becoming addicted to nicotine, Ella realizes the dangers of her habit and decides to quit. As a reward for quitting, she hopes to use the money she saved to buy herself a Nintendo Switch. How many months will it take for her to save up that money? Round up to the nearest whole number.

Question 2

Cigarette Packs x Cost x Days = Money Saved/Spent
Cost of Down Payment / Money Saved Monthly = Months to Save

- A. Steve is a heavy smoker, going through two packs of cigarettes every day. If the cost of a pack of his go-to cigarettes is \$7.99, how much does he spend on cigarettes each month?
- B. Steve decides that his health and saving money for his family is more important than his addiction. He hopes to cover a 5% down payment on a \$150,000 house with the money he saves from quitting. How many months would it take him to afford the \$7,500 down payment after he quits? Round up to the nearest whole number.

Question 3

Number of Vape Devices x Cost x Months = Money Saved/Spent
Cigarette Packs x Cost x Days = Money Saved/Spent
Cost of item / Money Saved Monthly = Months to Save

- A. If you were smoking one pack of cigarettes each day at \$8.50 a pack, how many months would it take you to save up for one of the items listed if you quit? Choose an item and solve the problem.
- B. If you were an avid vaper who went through one disposable vape pen per week at \$13.50 per device, how many months would it take to save up for one of the items listed if you quit? Choose an item and solve the problem.

ANSWERS

Question 1
A. \$90 each month
B. 4 Months

Question 2
A. \$479.40 each month
B. 16 Months

Question 3
A. Answer varies
B. Answer varies



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