

The cost of the average retail price (with all taxes included) for a pack of cigarettes for different states can be found at <http://www.tobaccofreekids.org/research/factsheets/pdf/0202.pdf>. Choose a state and calculate the cost of smoking one pack of cigarettes a day for a week, for a month, for a year, and for a lifetime. You should assume the cost of a pack of cigarettes stays the same. What is your reaction to these costs? Why?

You may want to use the following facts:

- 1 week is 7 days
- 1 month is about 30 days
- 1 year is about 365 days
- On average, people in the United States live about 78 years, although smokers' lifespans are on average about 11 years less than that if they don't quit before age 40.
- Over 80% of all adult smokers begin smoking by age 18<sup>1</sup>

Be prepared to explain your work. Did you use any diagrams to understand the problem? Was there something else that you did that helped? What did you try that wasn't as useful? What were your "a-ha" moments? If you used multiplication, which type or types of multiplication situations were happening? How did you recognize the type or types? If you used a calculator or some other tool, when did you use it and how?

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<sup>1</sup> Tobacco Free Kids website