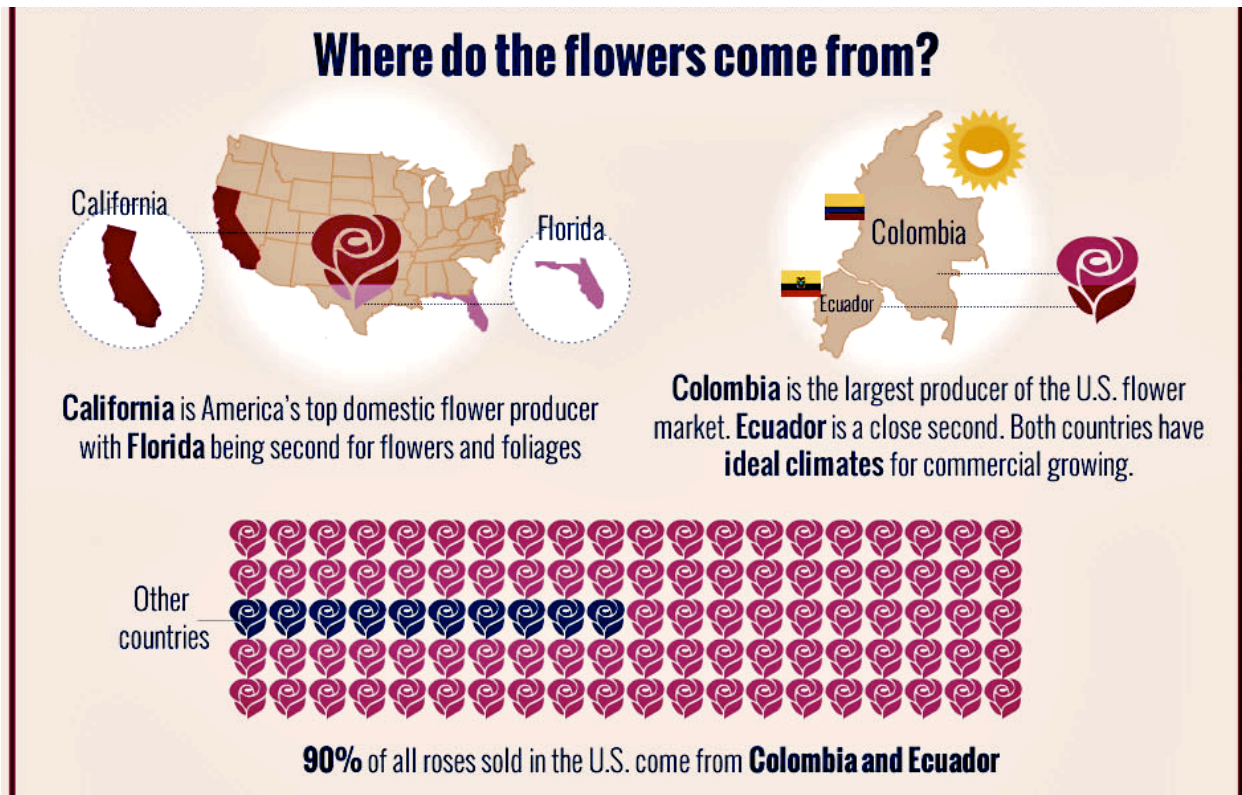


## Valentine's Day = Roses

Where do they come from and how much do they cost?



This infographic is part of a much longer graphic produced by <http://visual.ly/>

1. In the roses pictures on this graphic, some of the roses are darker. Those are the roses that come from countries other than Columbia and Ecuador.
  - a. What fraction of the roses is dark?
  - b. What fraction of the roses is lighter?
  - c. What percent is demonstrated here?
  - d. Are you able to tell what percent of roses sold in the US actually come from the US? What is the maximum percent of roses that could come from the US?
2. What other ways could they have created 90% with all those roses? Is it necessary to use 100 flowers in to model this percent? Describe or sketch other ways to show 90%.



3. In the United States the average cost of a dozen roses is \$75. How much more are a dozen roses in other countries?
4. Make some comparisons to the cost in the US.
5. Lets say you wanted to send someone some roses in Hong Kong ... at their prices. If you work on weekends and earn around \$8 to \$15 an hour, how long would you have to work to pay for those roses?
6. Find or estimate the cost of buying only one rose in the other countries in the graphic.
7. Again, assume you make about \$8 to \$15 hour. How many hours would it take you to pay for one rose in Hong Kong or Bangkok? What might be some cheaper Valentine's Day gift options?