

c) Graph the system of equations. Label your x-axis and y-axis. State the solution.

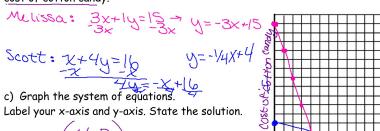
d) Explain your solution in context of the problem.

In 8 minutes, both kies will be 20 miles minutes.

3. At the carnival, corn dogs are one price and cotton candy is another. Melissa buys 3 corn dogs and 1 cotton candy for \$15. Scott buys 1 corn dog and 4 cotton candies for \$16.

a) Identify the variables. x: cost of corn dog
y: cost of cotton candy
b) Write a system of equations to determine the cost of a corn dog and the

cost of cotton candy.



d) Explain your solution in context of the problem.

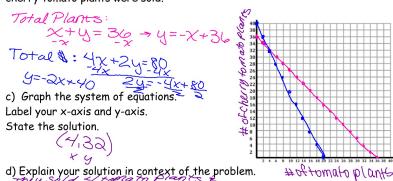
corn dogs cost & 4 & Corron candy
costs &



4. NMS had a fundraiser selling plants. They sold a total of 36 plants. Each tomato plant cost \$4 and each each cherry tomato plant cost \$2. NMS made a total of \$80.

a) Identify the variables. x: # of tomato plants y: # of cherry tomato plants

b) Write a system of equations to determine how many tomato plants and cherry tomato plants were sold.



d) Explain your solution in context of the problem.