**Bell Work**

**Monday 9/26/22**

1. Cordova High School is selling both short sleeve and long sleeve t-shirts for homecoming. Short sleeve shirts cost $8 and long sleeve shirts cost $10. The school sold a total of 148 shirts for the total sales of $1296. How many short sleeve shirts and long sleeve shirts and were sold?
2. Define your variables and write a system of equations to represent the given situation.
3. Solve the system of equations you wrote for this situation and write the answer in the context of the problem.

**Bell Work**

**Tuesday 9/27/22**

1. Solve using elimination $ \left\{\begin{array}{c}-x+5y=8\\x-y=4\end{array}\right.$

**Bell Work**

**Wednesday 9/28/22**

Write a matrix for each system of equations. Then find the solution.

1. $\left\{\begin{array}{c}-4x+2y=8\\2x+2y=6\end{array}\right.$
2. $\left\{\begin{array}{c}x=4y+16\\2x-y=53\end{array}\right.$

**Bell Work**

**Thursday 9/29/22**

1. Mika paid $68 for 14 movie tickets. Some of the tickets were adult tickets, and some were student tickets. Each adult ticket cost $6 and each student ticket cost $4. How many adult tickets and how many student tickets did she buy?
2. Define your variables and write a system of equations to represent the given situation.
3. Solve the system of equations you wrote for this situation and write the answer in the context of the problem.