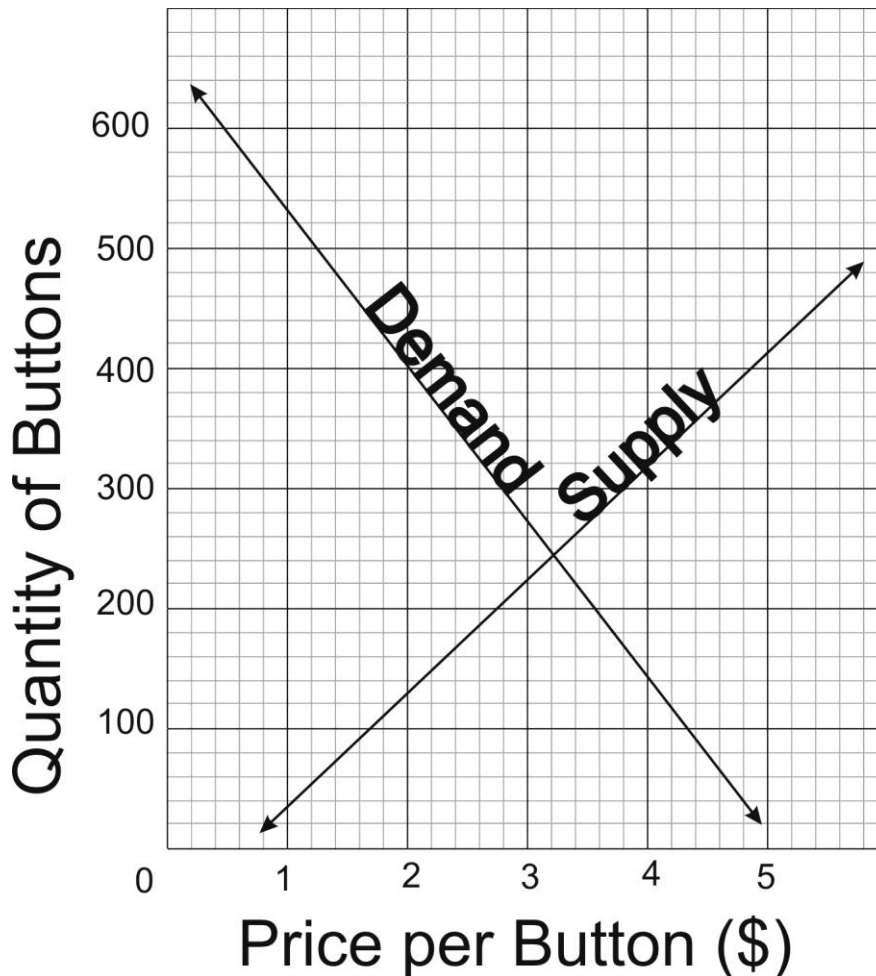


Supply and Demand Activity Sheet Answers

Activity Sheet 1: Senior Class Buttons

The graph should resemble the following:



3. about 150 customers; by examining quantity when the cost is \$2.50
4. about 140 customers; at \$3.80 the supply is 300 and the demand is 160, so there are 140 unsold buttons
5. about 660 buttons; that is the y-intercept of the demand line
6. about \$0.60; that is the x-intercept for the supply line
7. Equilibrium is at about \$3.20, because that is the price where the supply and demand lines intersect.
8. $S = 95P - 60$
9. $D = -130P + 660$
10. $P = \$3.20$; 244 buttons

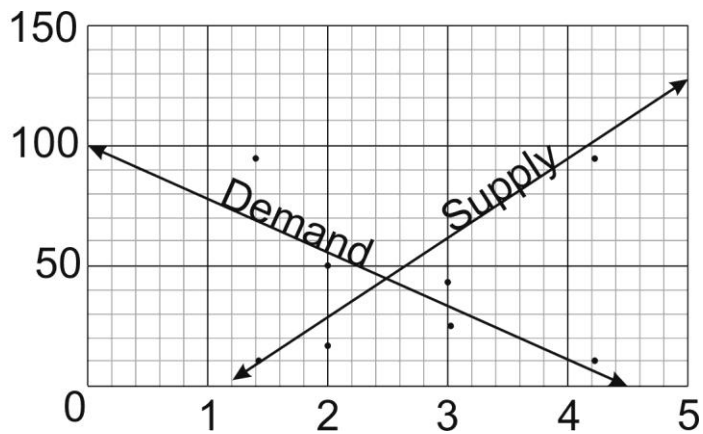
Activity Sheet 2

Game Cartridges

1. $S = 10P - 50$
2. $D = -10P + 700$
3. \$37.50

Silver Dollars

The graph should resemble the following:



3. about \$2.60
6. Based on the graph shown in the answers, the lines intersect at about (\$2.50, 47). The x -coordinate of the intersection point should be close to the answer to Question 3. Student answers will vary depending on whether they try to fit a line to each set of data or possibly connect the points and make a line graph.