

1. $(-\frac{1}{2}, \frac{19}{2})$

2. $(-4, -5)$

3. $(0, 2)$

4. $(1, -2)$

5. 4 25¢ stamps

6. 4 months

5 2¢ stamps

23 comic books

7. a) Men: $y = -.111x + 51.594$

Women: $y = -.162x + 58.457$

b) 2105

8. 10 qts of regular

4 qts of extra-rich

for a profit of \$132

#5 + #6

Must have a system of
2 eqns in 2 variables

9. $(8, -1, -2) \leftarrow \text{SKIP}$

#8

Must have: a) System of inequalities
in 2 variables

b) Graph of feasible
region

c) Optimization table
with vertices
plugged in