



3. Solve each system of equations using either Substitution or Elimination. Don't use the same method twice.

b. Subst
$$|00x + 4(7x+27)| = -25$$

 $|00x + 4(7x+27)| = -25$
 $|00x + 4y| = -25$
 $|00x + 26x| + |06x| = -25$
 $|0x + 26x| + |06x| = -25$

4. On Sunday Mr. Warren took his family to the game. Bags of peanuts cost \$2.29 each and cotton candy cost \$3.49 each. He bought some of each and spent \$19.63. Mr. Warren took his family to the game the following Sunday and the prices went up to \$2.59 for a bag of peanuts and \$3.99 for cottone candy. He bought the same amount of each and spent \$22.33. Write and solve a system of equations to find the number of bags of peanuts and the number of cotton candies purchased each day.

X = -3.5

$$B=\pm Bays \text{ of peanuts}$$
 2.29 B + 3.49 C = 19.63
 $C=\pm Cotton \text{ (and ies)}$ 2.59 B + 3.99 C = 22.33
 $Y=-3x-5$
 $Y=-3x-5$
 $Y=-3x-5$
 $Y=-3x-5$
 $Y=-16$
 $Y=-16$
 $Y=-16$ = 9

