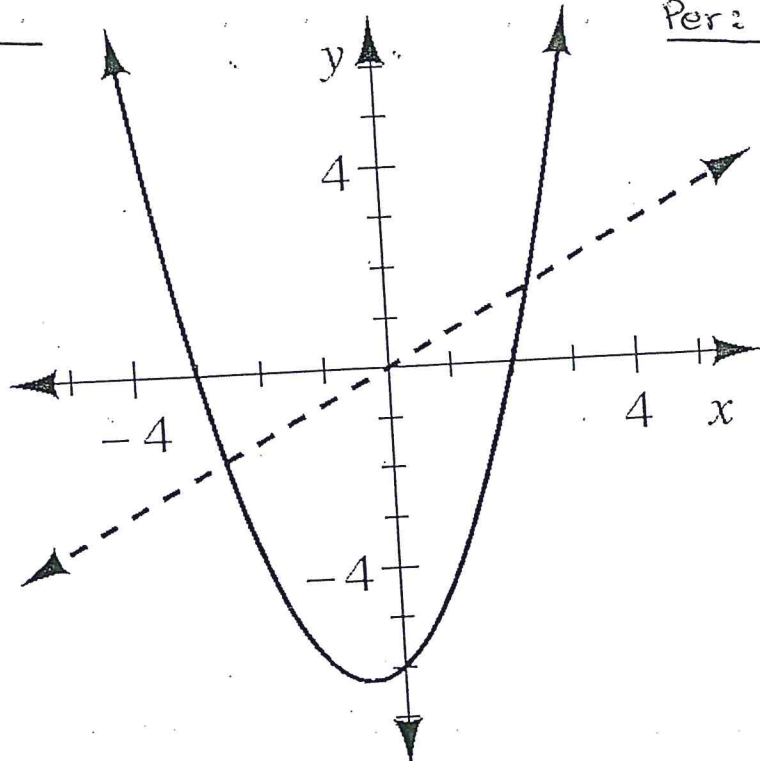


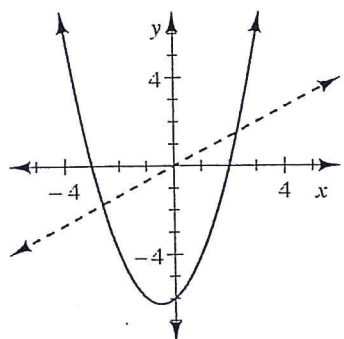
Problem 9-91

- a)
- b)
- c)
- d)



Problem 9-92

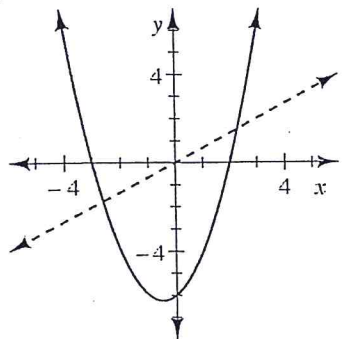
a.



$$y \geq x^2 + x - 6$$

$$y < \frac{2}{3}x$$

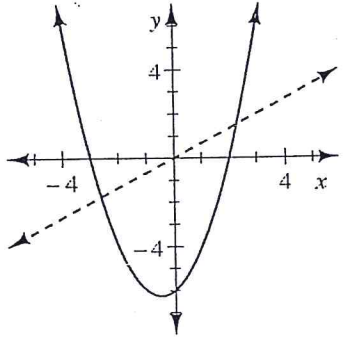
b.



$$y \geq x^2 + x - 6$$

$$y < \frac{2}{3}x$$

c.



$$y \leq x^2 + x - 6$$

$$y < \frac{2}{3}x$$

9-93

The United Nations asked every nation to write a system of inequalities that best approximates its country's shape (the U.N. thinks this will help find each country's area). Honduras sent in its inequalities by fax, but some of the information is unreadable. With your study team, determine the missing parts of the inequalities and rewrite them on your paper. Label each line. →

- a) $y \geq x + 3$
- b) $y \geq 2$
- c) $y \geq -\frac{2}{3}x - 1$
- d) $y \geq \frac{1}{2}x -$
- e) $y \geq -\frac{2}{3}x + 4$

