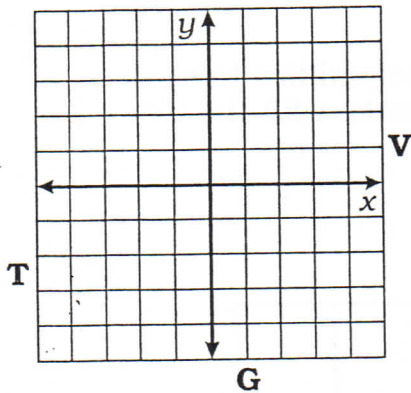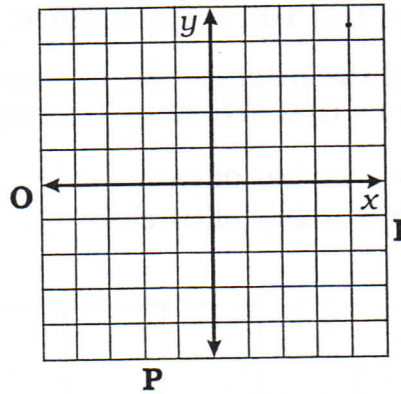# Which Member of Fred Ferd's Family Thinks He's a Pen?

Show the solution region for each system with crosshatching or shading. The crosshatching or shading, if extended, would cover a letter. Write this letter in each box with the exercise number.
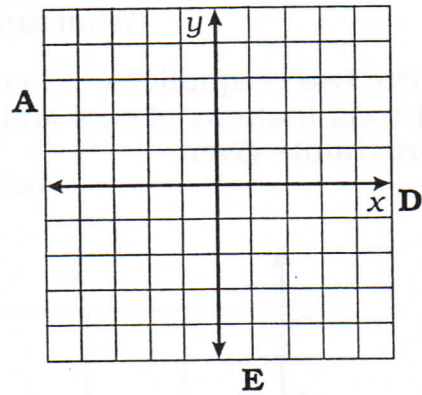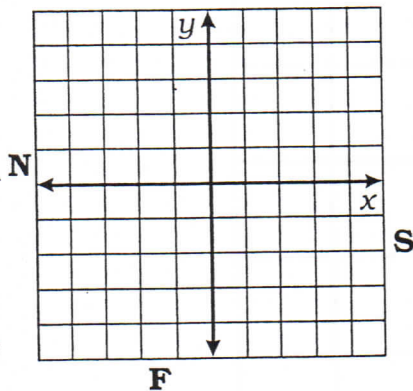
1. $y \geq \frac{3}{4}x - 2$
$y \leq 1$

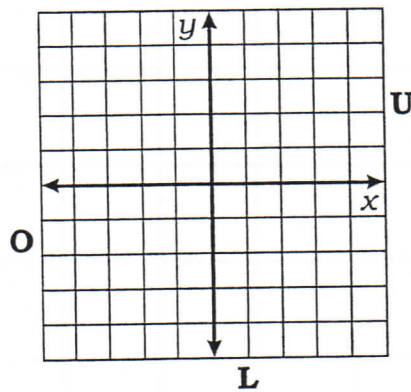**2.** $y \geq -2x - 3$
$y \leq \frac{1}{3}x + 2$

3. $y < \frac{3}{2}x + 3$
$y < -x + 1$

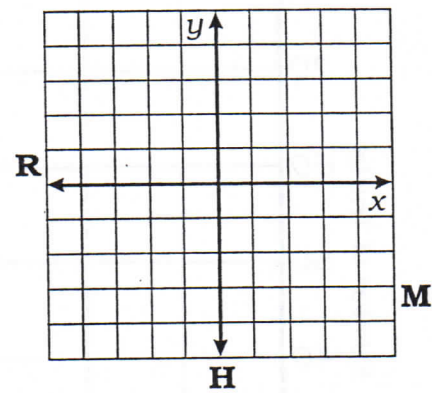**4.** $y \leq x$
$5x + 3y > -6$

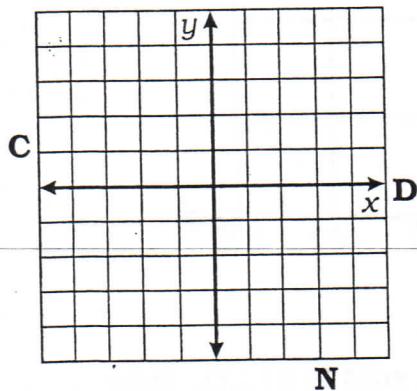**5.** $y + 3 > 0$
$-2x - 5y \geq 5$

6. $x < 2$
$x - 2y > 6$

7. $8x + 12y < 24$
$35x - 20y \leq 80$

8. $10x + 10y \leq 30$
$y - 3x > 0$

9. $y + 2 \leq 0$
$2 - x \leq 0$

6	2	4	9	2	7	9	8	5	1	6	3	8