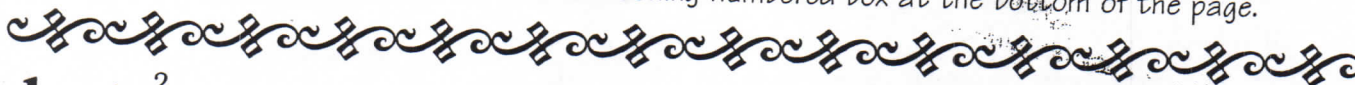
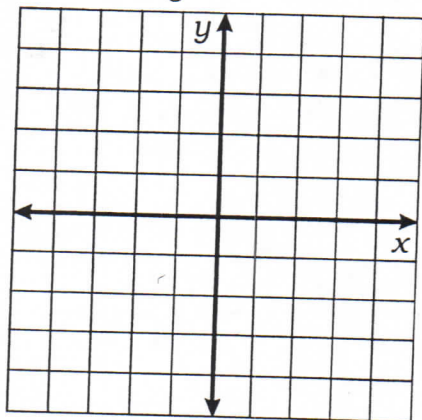


Why Did the Plum Divorce the Grape?

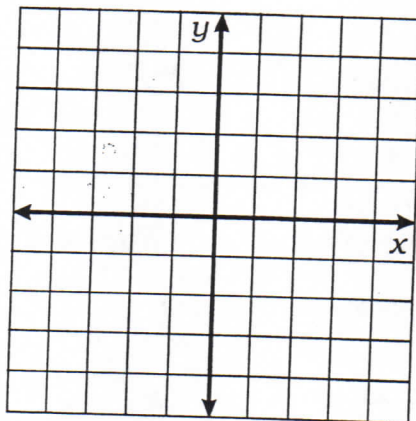
Graph each inequality. Under each grid are true-or-false statements describing the location of solutions. Circle the number-letter pair next to each TRUE statement. For these pairs, write the letter in the matching numbered box at the bottom of the page.



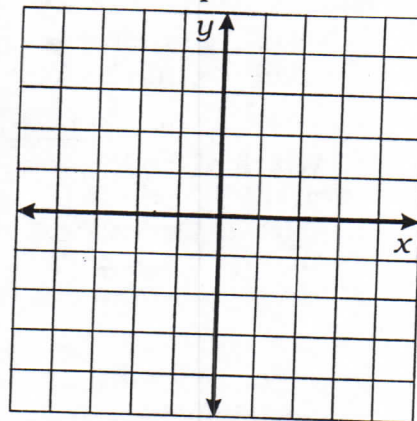
1. $y \geq \frac{2}{3}x + 1$



2. $y > 2x - 3$



3. $y \leq -\frac{1}{4}x - 1$



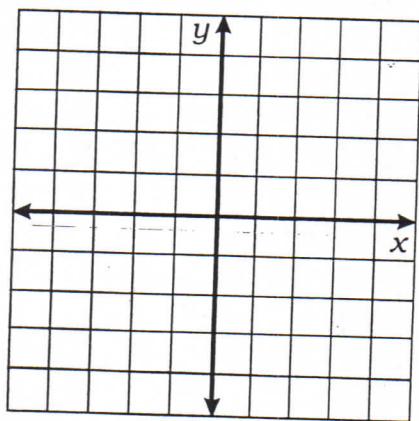
- 19•A Includes boundary line.
- 2•H Solutions in quadrant 1.
- 26•I Solutions in quadrant 2.
- 12•E Solutions in quadrant 3.
- 28•D Solutions in quadrant 4.

- 20•L Includes boundary line.
- 28•S Solutions in quadrant 1.
- 10•I Solutions in quadrant 2.
- 6•A Solutions in quadrant 3.
- 23•N Solutions in quadrant 4.

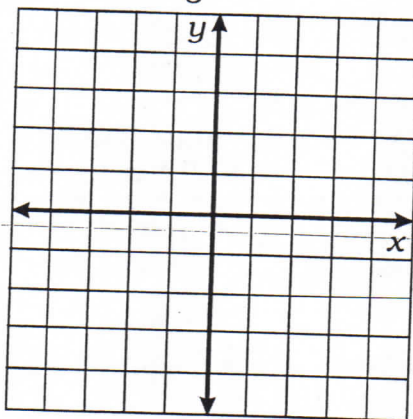
- 15•O Includes boundary line.
- 1•T Solutions in quadrant 1.
- 7•S Solutions in quadrant 2.
- 20•I Solutions in quadrant 3.
- 3•E Solutions in quadrant 4.



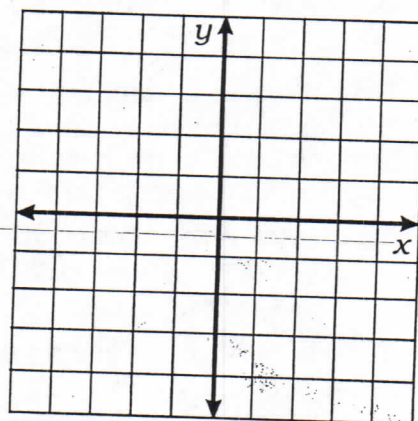
4. $y < x - 2$



5. $y > -\frac{4}{3}x + 1$



6. $y \leq -x + 3$



- 5•H Includes boundary line.
- 13•D Solutions in quadrant 1.
- 18•T Solutions in quadrant 2.
- 1•S Solutions in quadrant 3.
- 22•I Solutions in quadrant 4.

- 24•G Includes boundary line.
- 16•F Solutions in quadrant 1.
- 5•W Solutions in quadrant 2.
- 17•S Solutions in quadrant 3.
- 9•T Solutions in quadrant 4.

- 25•K Includes boundary line.
- 11•R Solutions in quadrant 1.
- 27•D Solutions in quadrant 2.
- 18•R Solutions in quadrant 3.
- 21•S Solutions in quadrant 4.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

Inequalities:
Graphing Linear Inequalities