For each of the following, graph the linear inequality.

1. $4x + 3y \leq 12$
2. $4x - 3y < 12$
3. $2x + 5y > 10$
4. $-x + 2y \geq -4$
5. $y \leq 3x - 1$
6. $y > -\frac{2}{3}x + 2$
7. $y < 3x$
8. $y \geq \frac{1}{2}x$
9. $x \geq 4$
10. $y < -2$

Answers:

1. ![Graph of $4x + 3y \leq 12$]
2. ![Graph of $4x - 3y < 12$]
3. ![Graph of $2x + 5y > 10$]
4. ![Graph of $-x + 2y \geq -4$]