

Assignment:

Page 128 # 14 – 18 all, 22 – 32 evens

Graph each inequality.

14. $y \geq 6$

15. $y < x + 4$

16. $y > -\frac{2}{5}x - 3$

Graph each inequality using intercepts.

17. $4x + 2y \geq 8$

18. $3x - 6y < 12$

Solve each inequality for y . Graph the solution.

22. $-4y < 4(3x - 5)$

23. $-3(-10x + 2y) \geq 24$

24. $-\frac{1}{3}x + \frac{1}{5}y \leq -1$

Graph each inequality.

25. $-4y > 10x - 20$

26. $y - 5 \geq 4(x - 2)$

27. $6x + 3y < 0$

28. $y + \frac{3}{4} \leq \frac{5}{2} \left(x - \frac{1}{2} \right)$

29. $\frac{9 - 3y}{2} \geq 6x$

30. $x \leq 4$

31. $4x - 5y < 7x - 3y$

32. $2x - 5y \leq -4x + 15$

33. $x > -2$