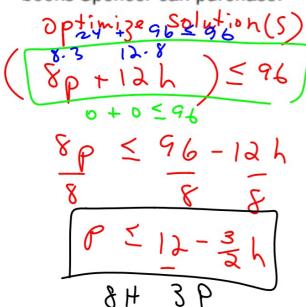
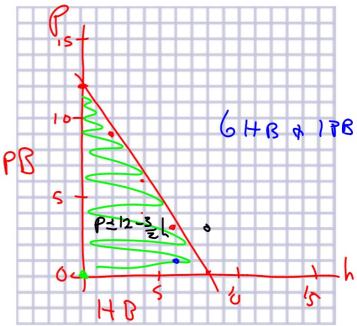
Algebra 2 2.7-2.8 Quiz tomorrow 2.7-2.8

Test Wed. Ch. 2

(non) Linear programming

BOOKS Spencer has saved \$96 for a trip to his favorite bookstore. Each paperback book costs \$8 and each hardback book costs \$12. Write and graph an inequality that shows the number of paperback books and hardback books Spencer can purchase.





2_8 Graphing Linear and Absolute Value Inec

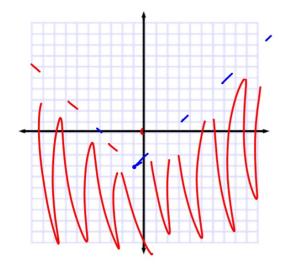
Graph each inequality.

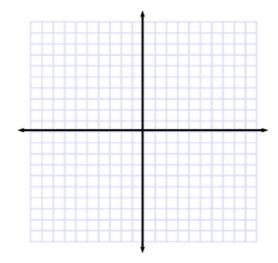
54.
$$x - 3y < 6$$

$$-3y < -x + 1$$

55.
$$y \ge 2x + 1$$

60.
$$y+3 < |x+1|$$
 61. $2y \le |x-3|$ $0+3 < |o+1|$ $3 < |1|$ $3 < |1|$



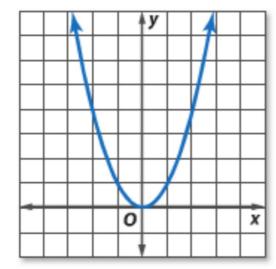


- **51.** Describe the translation in $y = x^2 3$. **52.** Describe the reflection in $y = -x^2$.

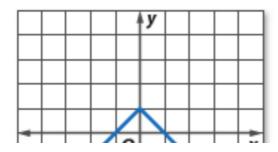
7_7 Parent Functions and Transformations

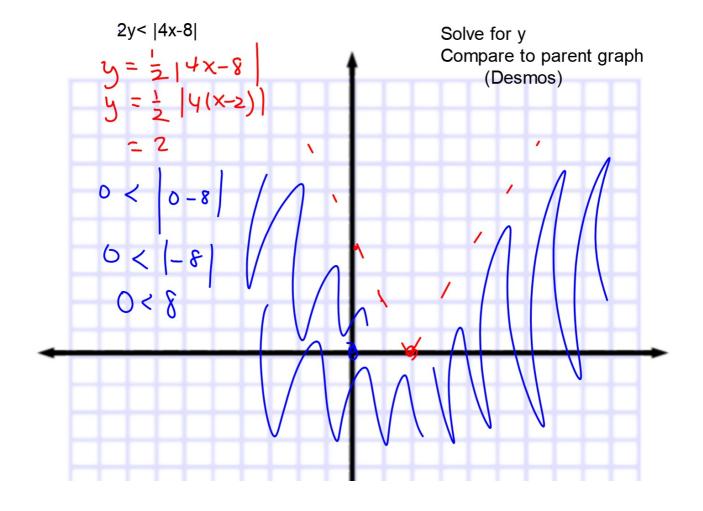
Identify the type of function represented by each graph.



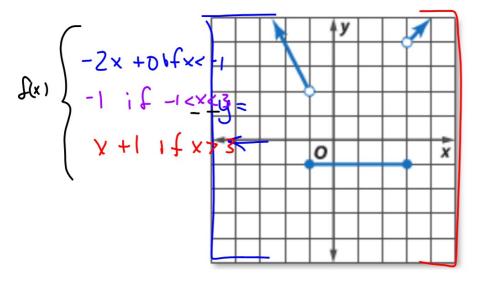


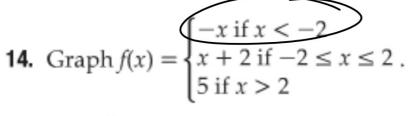
50.

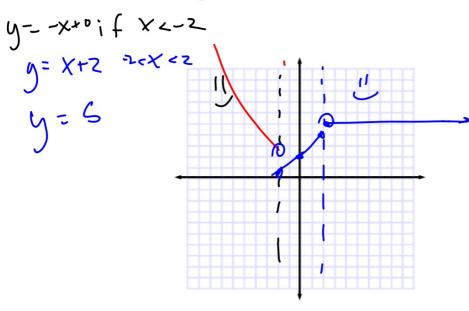




15. Write the piecewise-defined function shown.







WB 2,8