

In Exercises 5–12, graph the function. Compare the graph to the graph of $f(x) = |x|$. Describe the domain and range. (See Examples 1 and 2.)

5. $d(x) = |x| - 4$

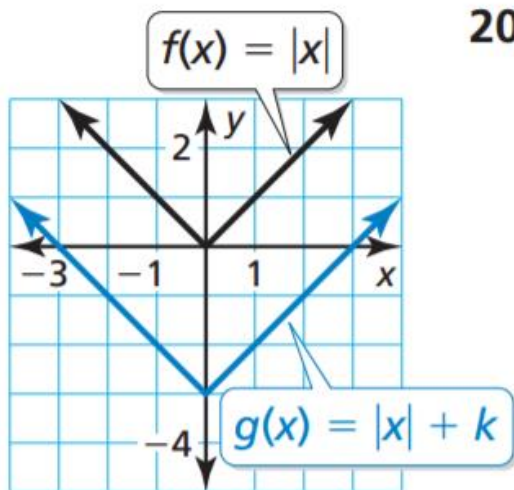
6. $r(x) = |x| + 5$

7. $m(x) = |x + 1|$

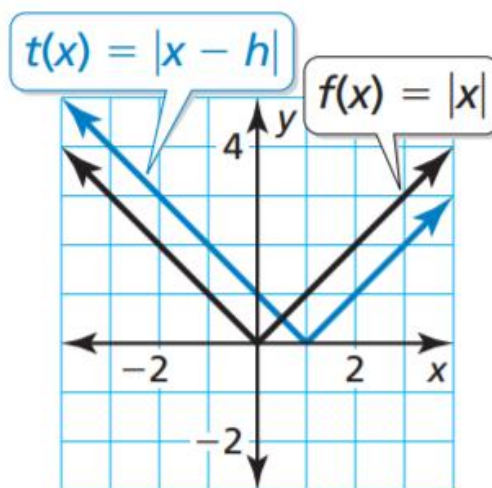
8. $v(x) = |x - 3|$

In Exercises 19–22, compare the graphs. Find the value of h , k , or a .

19.



20.



49. **WRITING** Compare the graphs of $p(x) = |x - 6|$ and $q(x) = |x| - 6$.