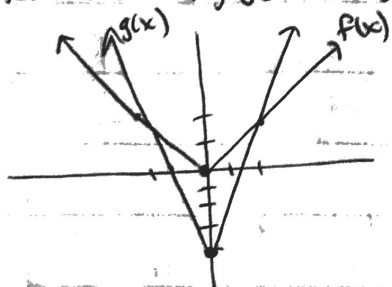


# 24, 25, 31, 41, 43, 49, 55, ~~57~~, 65-71 odd, 93

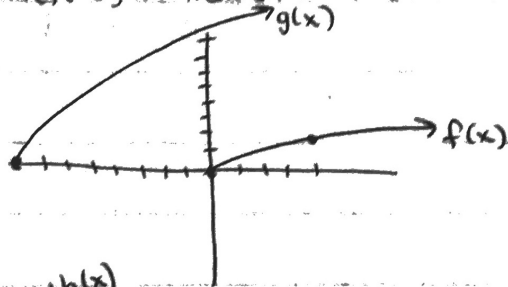
24.  $f(x) = |x|$

shifted down 4, vertical stretch of 3



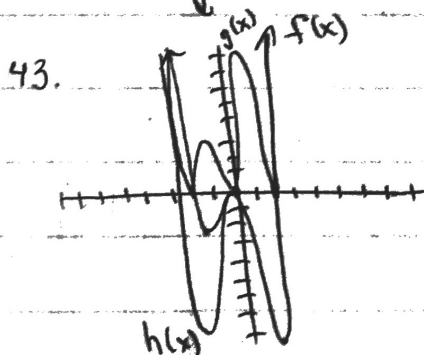
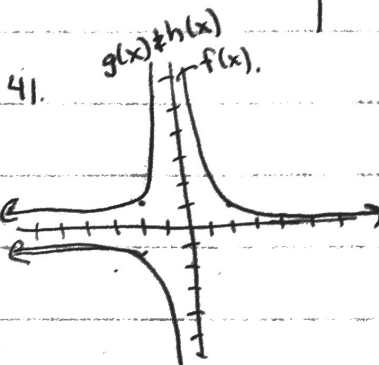
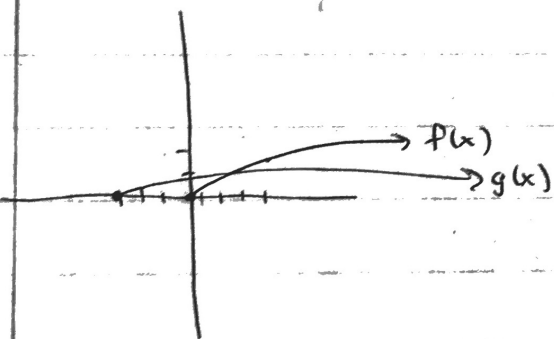
25.  $f(x) = \sqrt{x}$

left 8, vertical stretch of 3



31.  $f(x) = \sqrt{x}$

left 3, vertical compression of  $\frac{1}{4}$

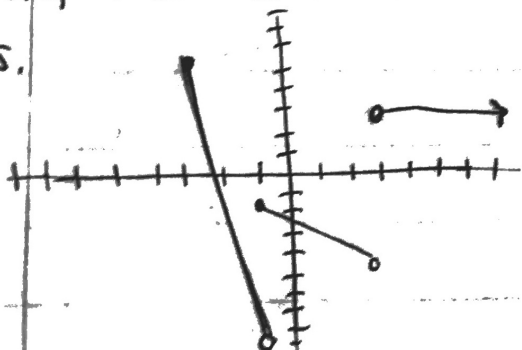


49.  $y = \frac{2}{x+7} + 5$

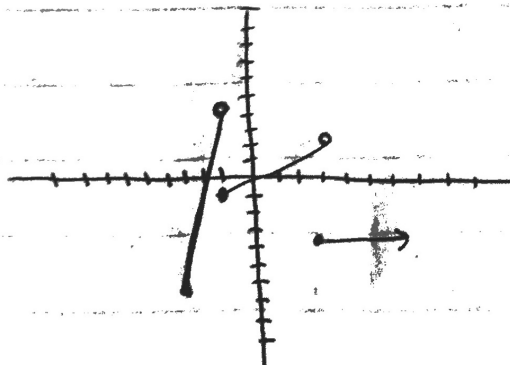
55.  $y = \frac{2}{x-3} + 4$

57.  $y = 4\sqrt{x+4} - 6$

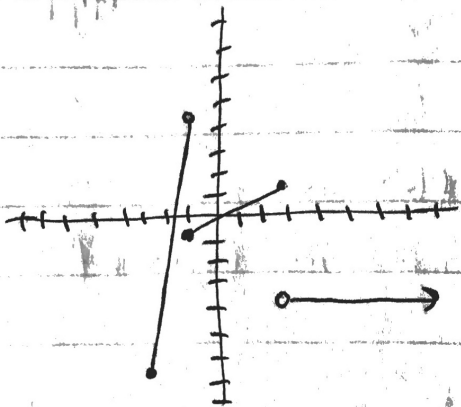
65.



67.



69.

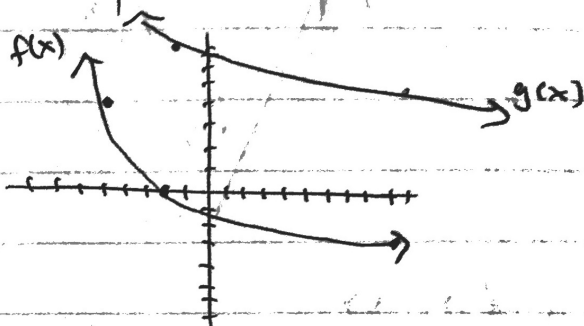


71.

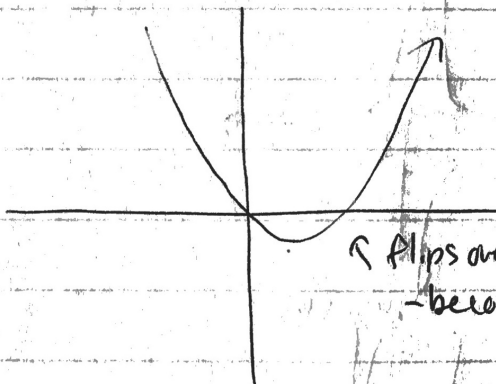
$x$	$f(x)$
-4	0
-3	0.4223
-2	0.734
-1	0.734
0	0.734
1	0.734
2	0.734
3	0.734
4	0.734

$x$	$f(x)$
-5	4
-2	0
10	-2

$x$	$g(x)$
-5	und
-2	8.6188
10	5.539



93.



↑ Flips over, moves down  
- becomes max

$$-3g(x) - 1$$

$$-3(-2) - 1 = 6 - 1 = 5 \quad \text{(B)}$$