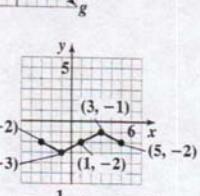
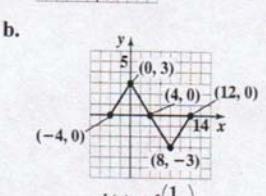
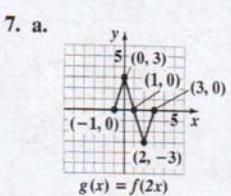
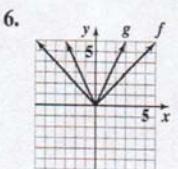
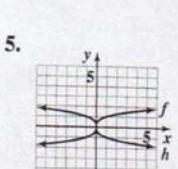
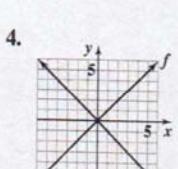
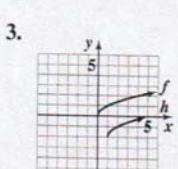
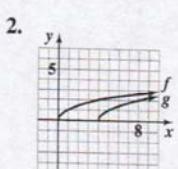
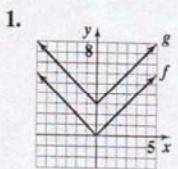
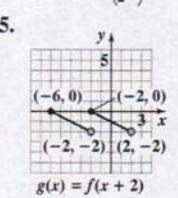
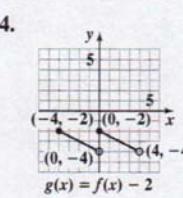
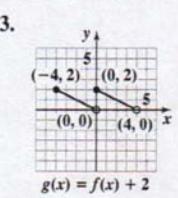
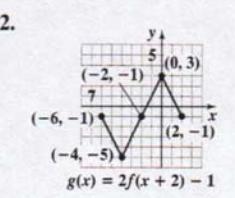
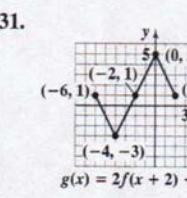
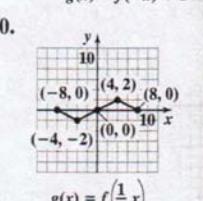
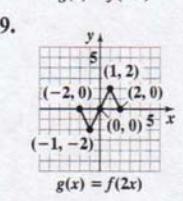
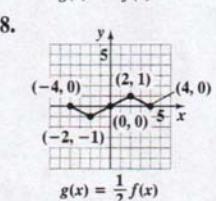
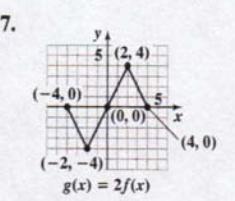
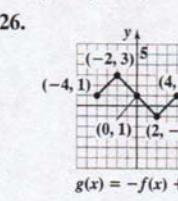
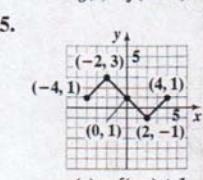
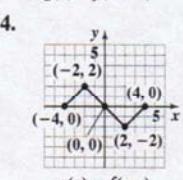
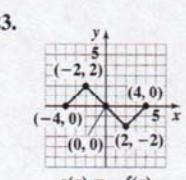
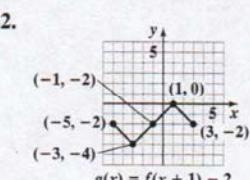
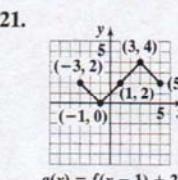
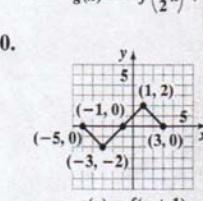
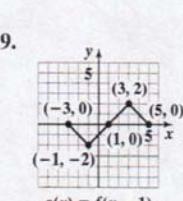
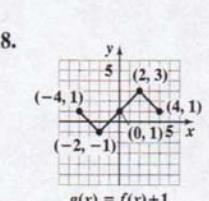
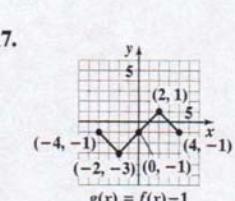
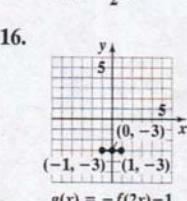
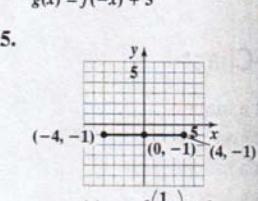
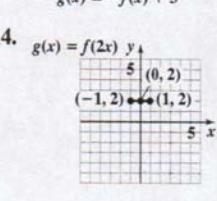
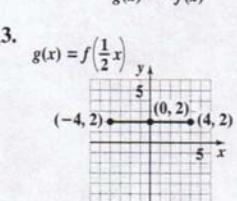
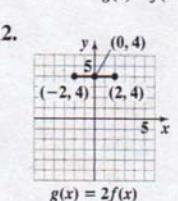
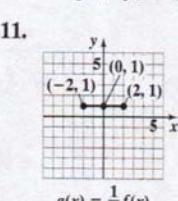
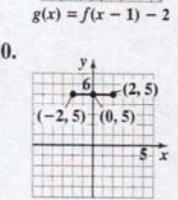
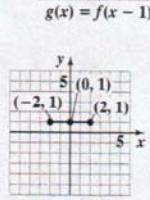
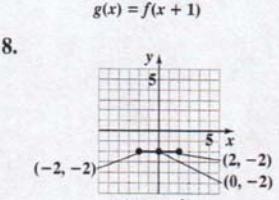
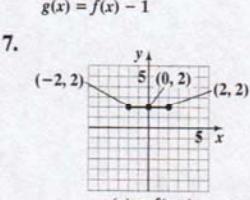
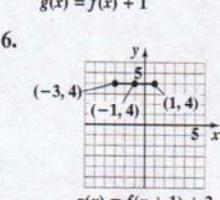
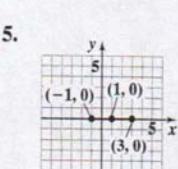
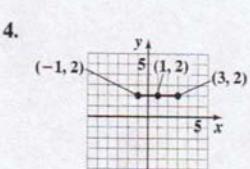
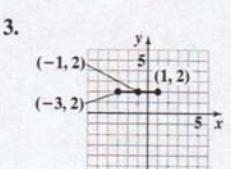
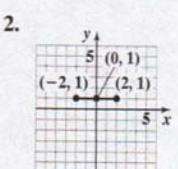
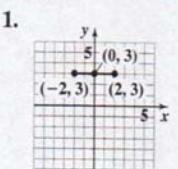


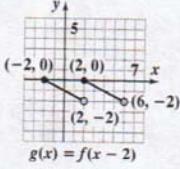
Section 2.5

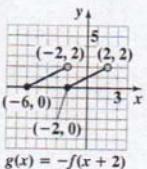
Check Point Exercises

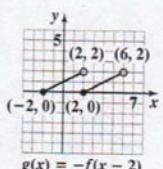


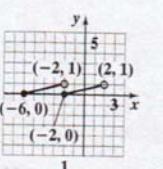
Exercise Set 2.5

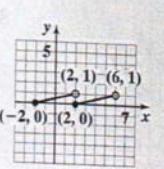


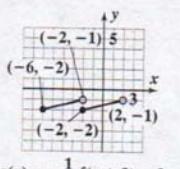
36. 

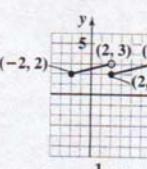
$$g(x) = f(x - 2)$$
37. 

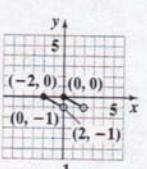
$$g(x) = -f(x + 2)$$
38. 

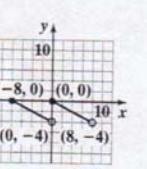
$$g(x) = -f(x - 2)$$
39. 

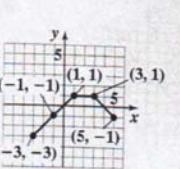
$$g(x) = -\frac{1}{2}f(x + 2)$$
40. 

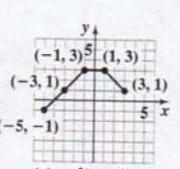
$$g(x) = -\frac{1}{2}f(x - 2)$$
41. 

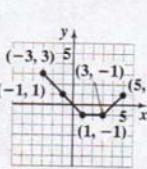
$$g(x) = -\frac{1}{2}f(x + 2) - 2$$
42. 

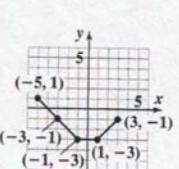
$$g(x) = -\frac{1}{2}f(x - 2) + 2$$
43. 

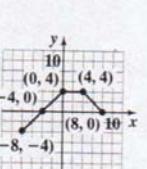
$$g(x) = \frac{1}{2}f(2x)$$
44. 

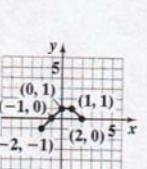
$$g(x) = 2f\left(\frac{1}{2}x\right)$$
45. 

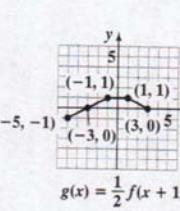
$$g(x) = f(x - 1) - 1$$
46. 

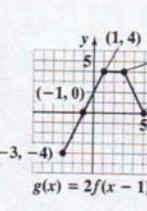
$$g(x) = f(x + 1) + 1$$
47. 

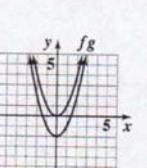
$$g(x) = -f(x - 1) + 1$$
48. 

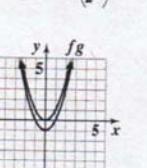
$$g(x) = -f(x + 1) - 1$$
49. 

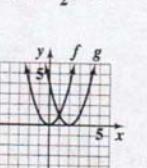
$$g(x) = 2f\left(\frac{1}{2}x\right)$$
50. 

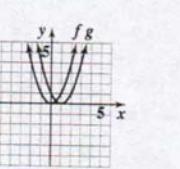
$$g(x) = \frac{1}{2}f(2x)$$
51. 

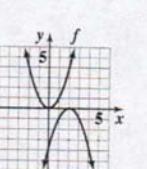
$$g(x) = \frac{1}{2}f(x + 1)$$
52. 

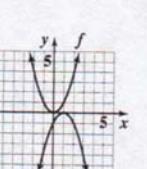
$$g(x) = 2f(x - 1)$$
53. 

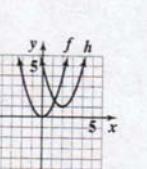
$$g(x) = fg$$
54. 

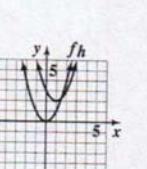
$$g(x) = fg$$
55. 

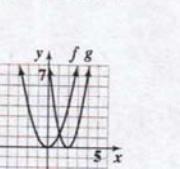
$$g(x) = f g$$
56. 

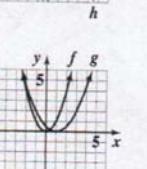
$$g(x) = fg$$
57. 

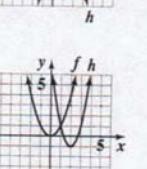
$$g(x) = f h$$
58. 

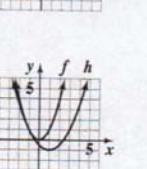
$$g(x) = f h$$
59. 

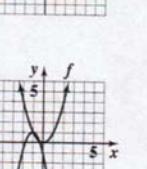
$$g(x) = f h$$
60. 

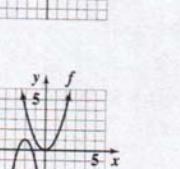
$$g(x) = f h$$
61. 

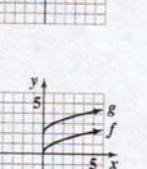
$$g(x) = f g$$
62. 

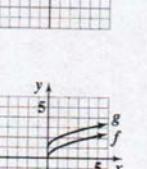
$$g(x) = f g$$
63. 

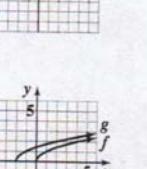
$$g(x) = f h$$
64. 

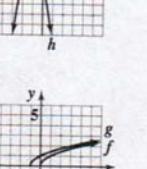
$$g(x) = f h$$
65. 

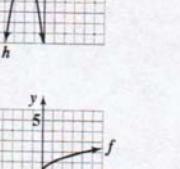
$$g(x) = f h$$
66. 

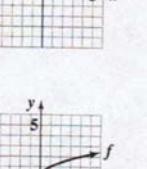
$$g(x) = f h$$
67. 

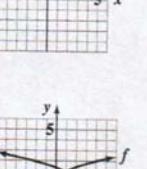
$$g(x) = f g$$
68. 

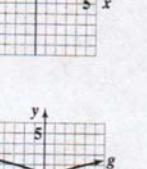
$$g(x) = f g$$
69. 

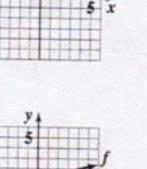
$$g(x) = f h$$
70. 

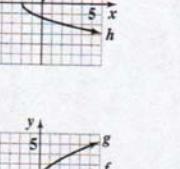
$$g(x) = f h$$
71. 

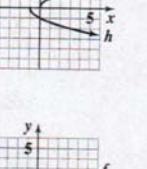
$$g(x) = f h$$
72. 

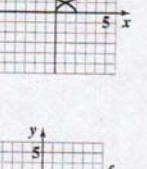
$$g(x) = f h$$
73. 

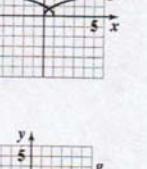
$$g(x) = f h$$
74. 

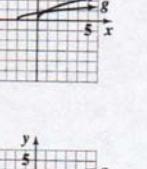
$$g(x) = h f$$
75. 

$$g(x) = f h$$
76. 

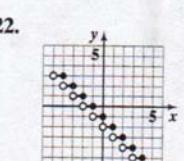
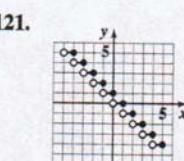
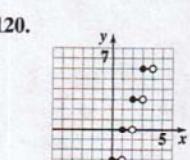
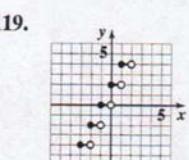
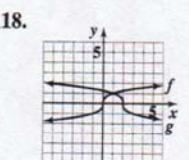
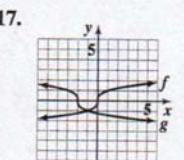
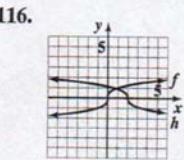
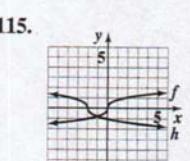
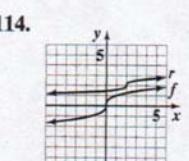
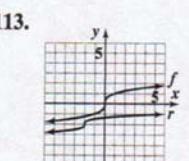
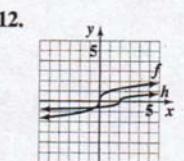
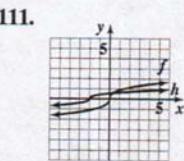
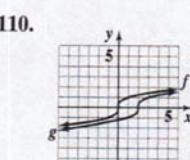
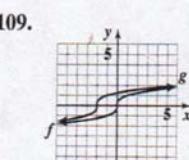
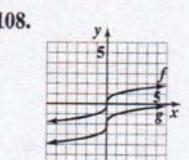
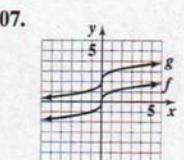
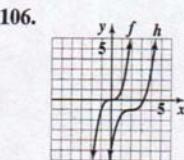
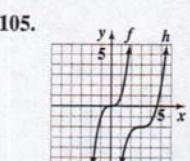
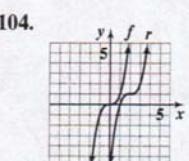
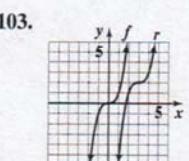
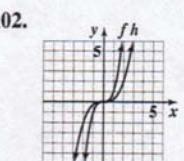
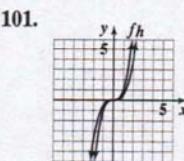
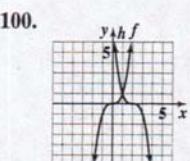
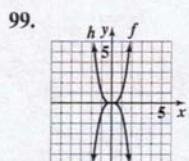
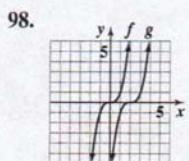
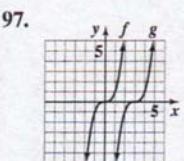
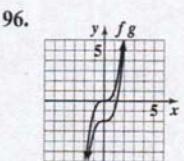
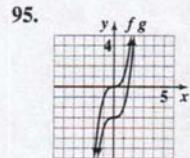
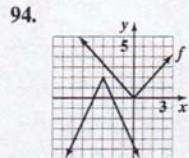
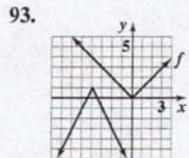
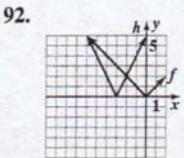
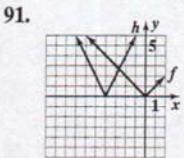
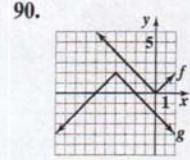
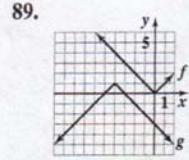
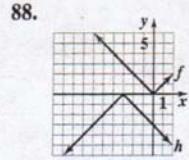
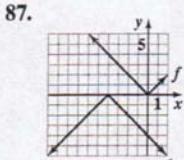
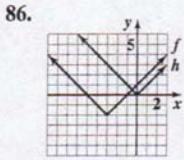
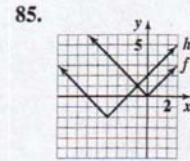
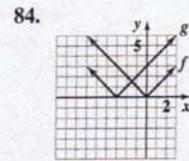
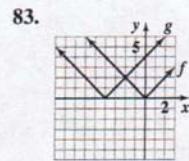
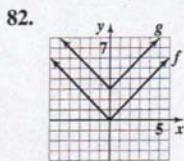
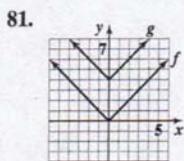
$$g(x) = f g$$
77. 

$$g(x) = f h$$
78. 

$$g(x) = f h$$
79. 

$$g(x) = f g$$
80. 

$$g(x) = f h$$



123. $y = \sqrt{x - 2}$ 124. $y = -x^3 + 2$ 125. $y = (x + 1)^2 - 4$

126. $y = \sqrt{x - 2} + 1$ 127. a. First, vertically stretch the graph of $f(x) = \sqrt{x}$ by the factor 2.9; then, shift the result up 20.1 units. b. 40.2 in.; very well

c. 0.9 in. per month d. 0.2 in. per month; This is a much smaller rate of change; The graph is not as steep between 50 and 60 as it is between 0 and 10.

128. a. First, vertically stretch the graph of $f(x) = \sqrt{x}$ by the factor 3.1; then, shift the result up 19 units. b. 40.5 in.; very well c. 1.0 in. per month d. 0.2 in. per month; This is a much smaller rate of change; The graph is not as steep between 50 and 60 as it is between 0 and 10.

$h(x) = \text{int}(-x) + 1$

$h(x) = \text{int}(-x) - 1$

$g(x) = 2 \text{ int}(x + 1)$

$g(x) = 3 \text{ int}(x - 1)$