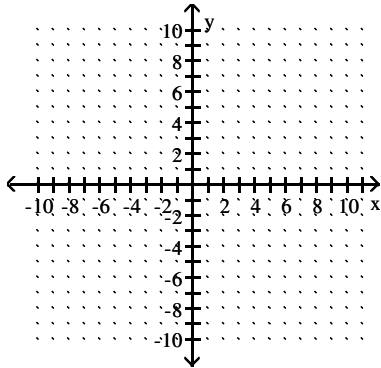


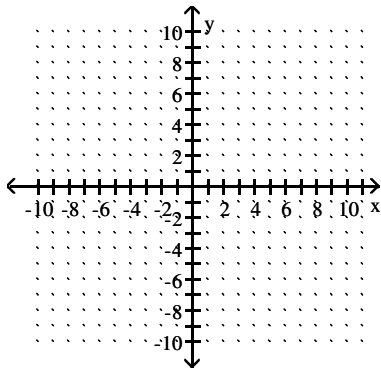
Name _____

Determine the domain and range of the function. Then graph it.

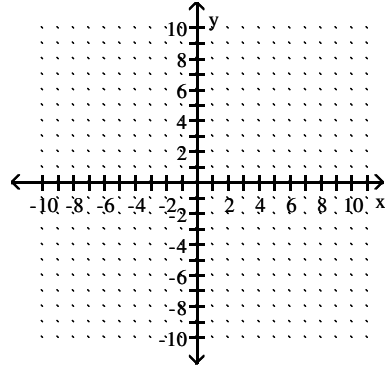
1) $f(x) = \sqrt{x + 3}$



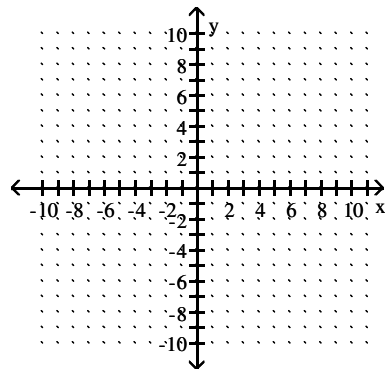
2) $f(x) = \sqrt{x + 4}$



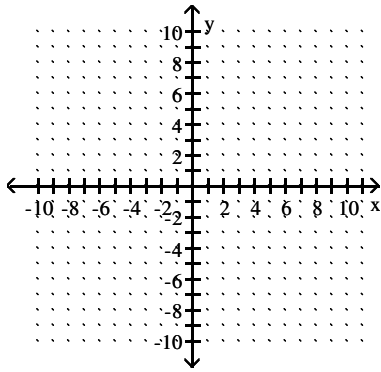
3) $f(x) = \sqrt{x - 3}$



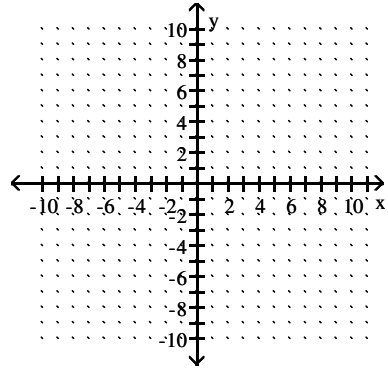
4) $f(x) = \sqrt{x - 2}$



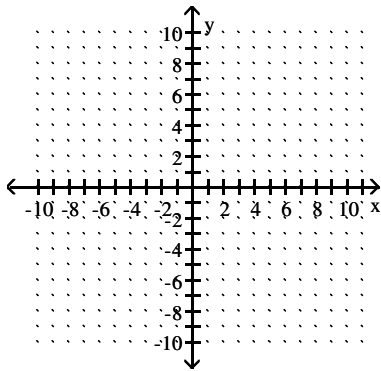
5) $f(x) = \sqrt{x} - 1$



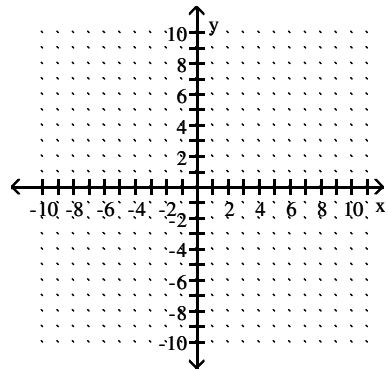
8) $f(x) = \sqrt{x} + 2$



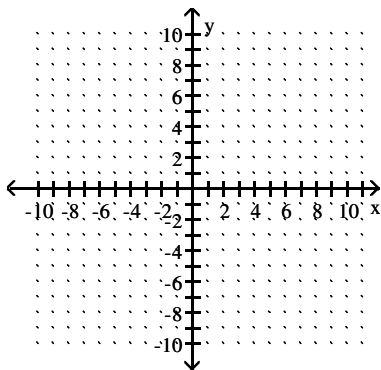
6) $f(x) = \sqrt{x} + 3$



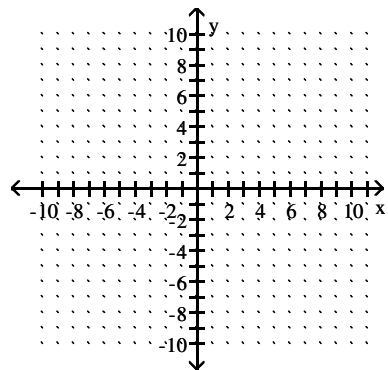
9) $f(x) = \sqrt{x} + 4$



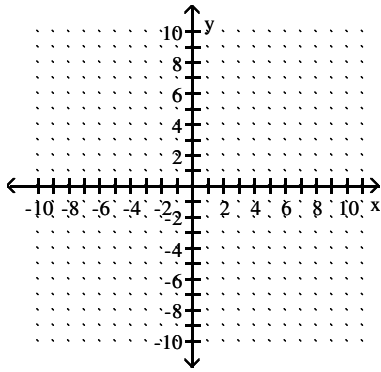
7) $f(x) = \sqrt{x} - 2$



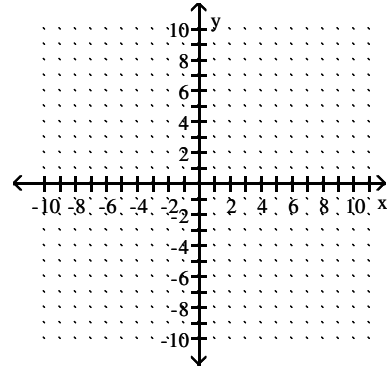
10) $f(x) = \sqrt{x} + 1$



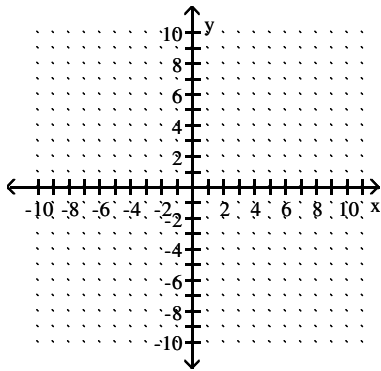
11) $f(x) = 2\sqrt{x+1}$



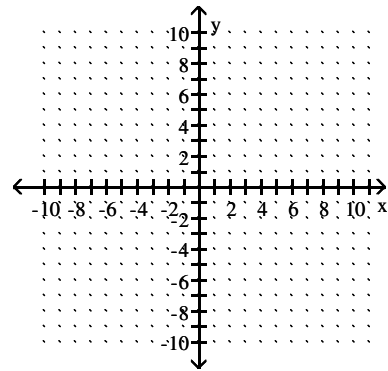
14) $f(x) = 2\sqrt{x+2}$



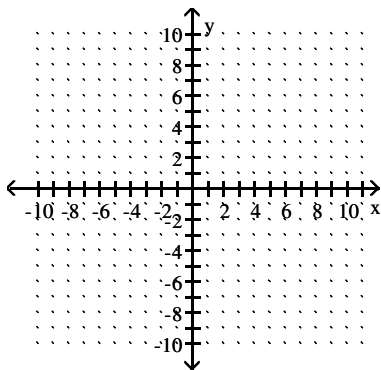
12) $f(x) = 2\sqrt{x-1}$



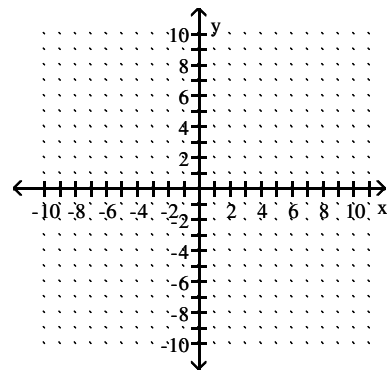
15) $f(x) = 2\sqrt{x-3}$



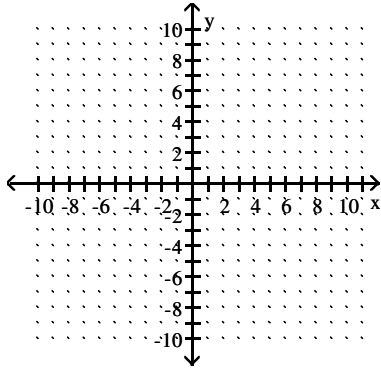
13) $f(x) = 2\sqrt{x-5}$



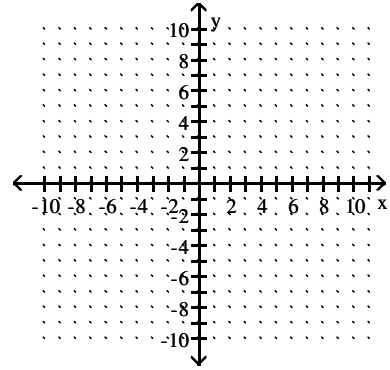
16) $f(x) = 2\sqrt{x-2}$



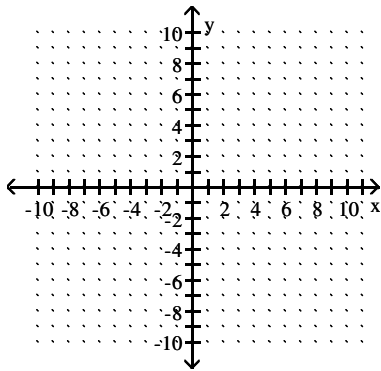
17) $f(x) = -\sqrt{x+2}$



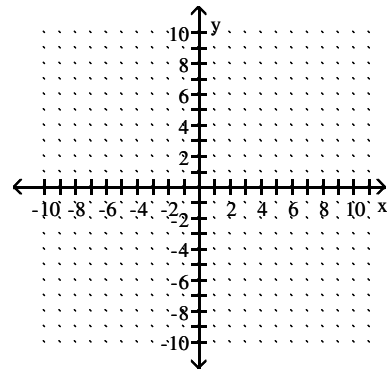
20) $f(x) = -\sqrt{x-3}$



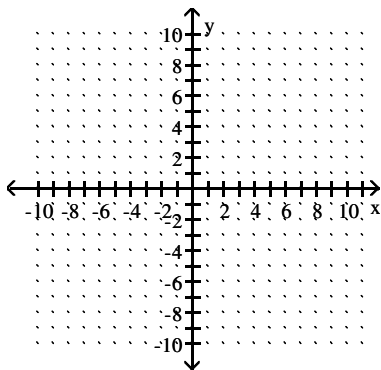
18) $f(x) = -\sqrt{x-4}$



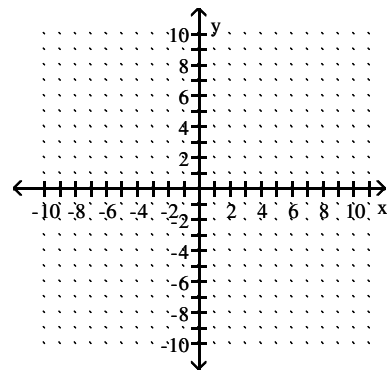
21) $f(x) = \sqrt{x+5}$



19) $f(x) = -\sqrt{x-5}$

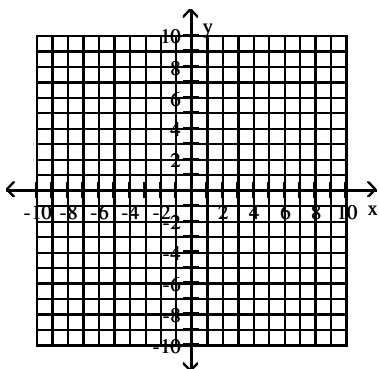


22) $f(x) = \sqrt{x-5}$



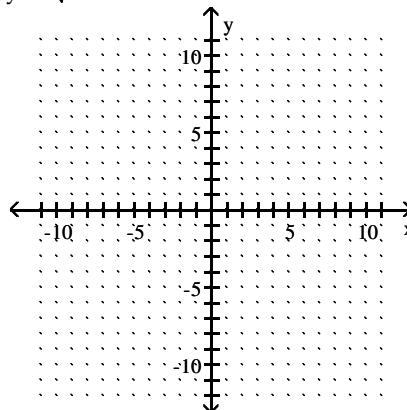
Graph the function.

23) $g(x) = \sqrt{x} - 1$

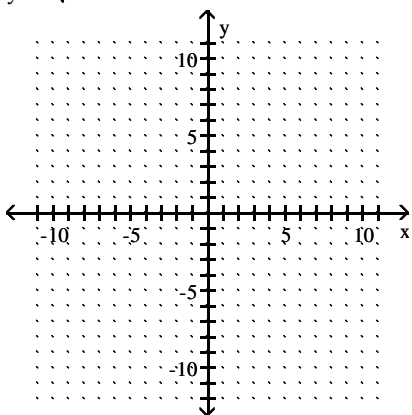


Graph the equation.

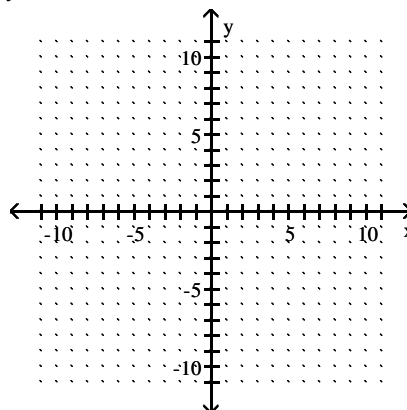
26) $y = \sqrt{x - 2}$



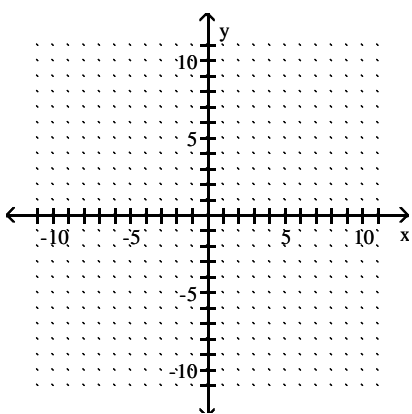
24) $y = \sqrt{x + 6}$



27) $y = \sqrt{x} + 1$

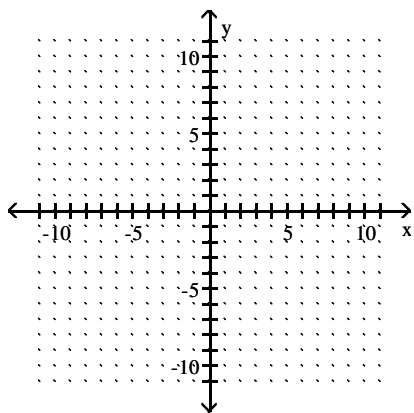


25) $y = \sqrt{x} + 3$

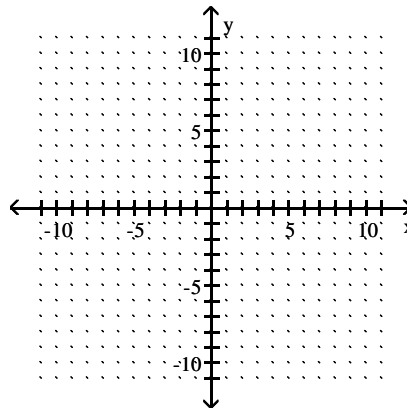


Graph the function.

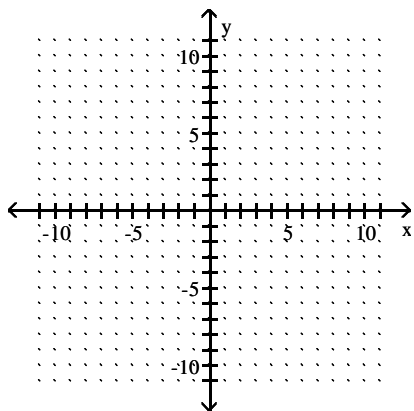
28) $g(x) = -\sqrt{x+1} + 1$



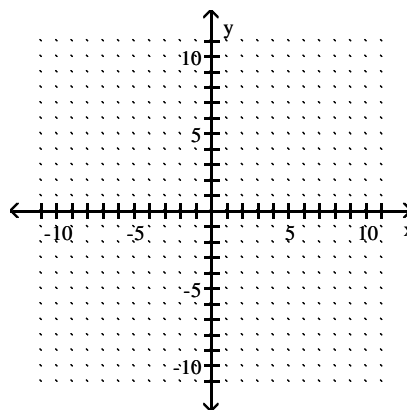
30) $g(x) = -\sqrt{x+1} + 2$



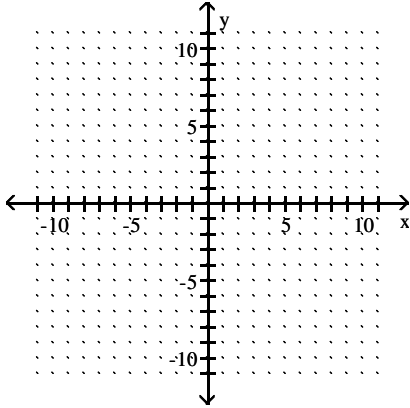
29) $g(x) = -\sqrt{x+2} - 2$



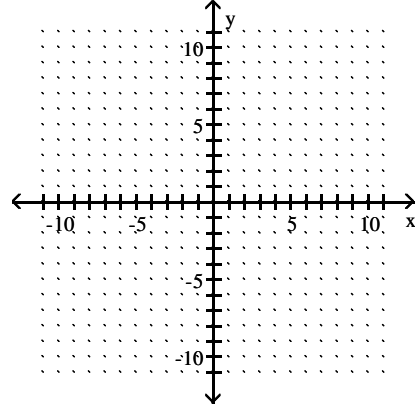
31) $g(x) = -\sqrt{x+2} - 1$



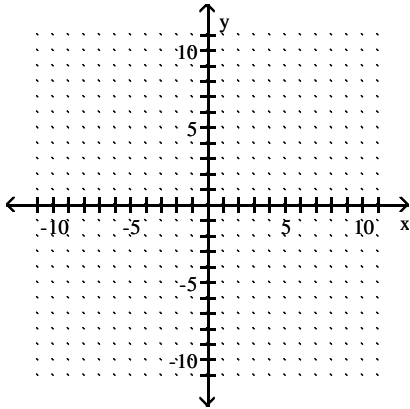
32) $h(x) = \sqrt{-x+1} + 2$



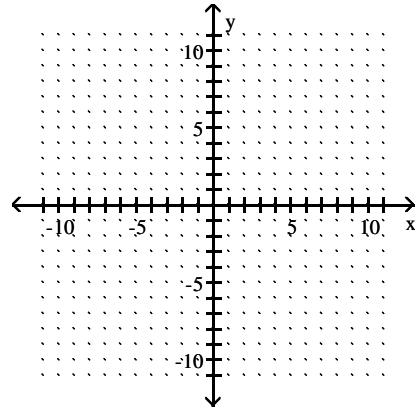
34) $h(x) = \sqrt{-x+2} + 1$



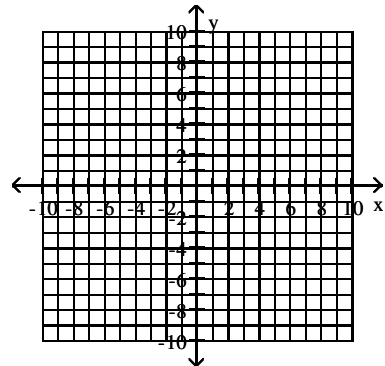
33) $h(x) = \sqrt{-x+2} - 1$



35) $h(x) = \sqrt{-x+2} + 2$



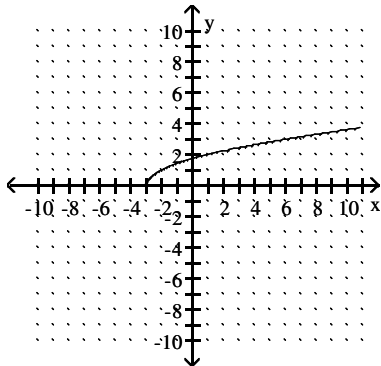
36) $g(x) = \sqrt{x} - 2$



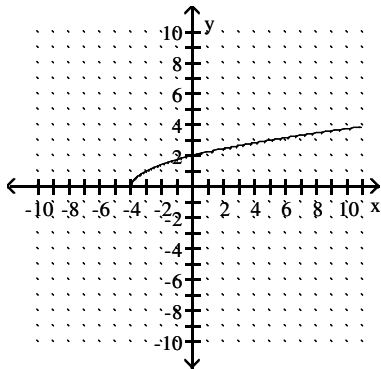
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V02

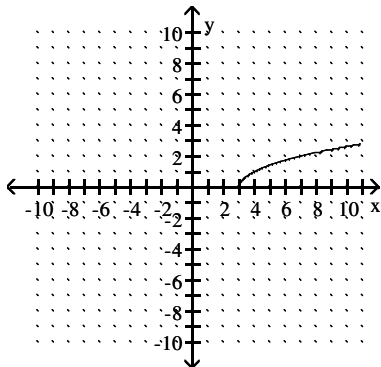
1) domain = $[-3, \infty)$, range = $[0, \infty)$



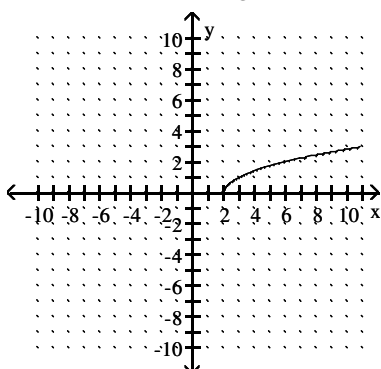
2) domain = $[-4, \infty)$, range = $[0, \infty)$



3) domain = $[3, \infty)$, range = $[0, \infty)$



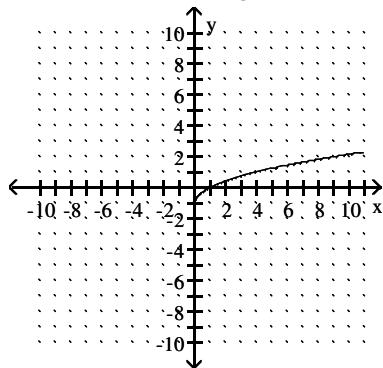
4) domain = $[2, \infty)$, range = $[0, \infty)$



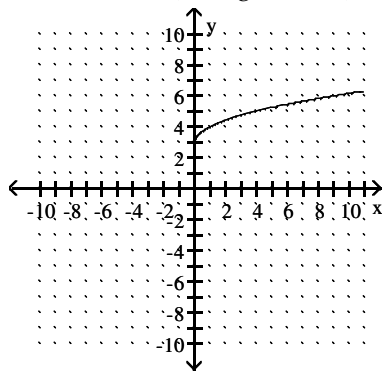
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V02

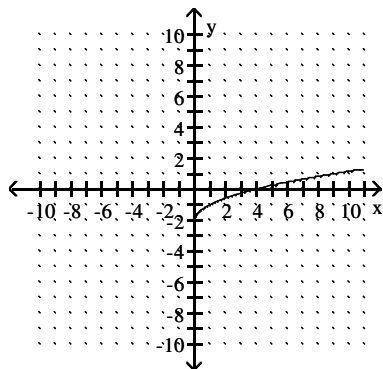
5) domain = $[0, \infty)$, range = $[-1, \infty)$



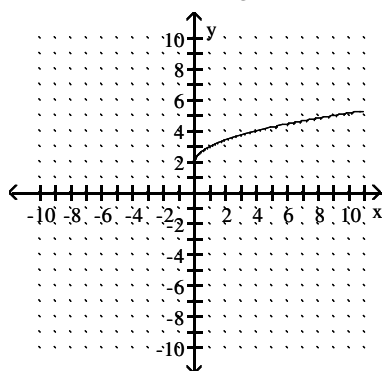
6) domain = $[0, \infty)$, range = $[3, \infty)$



7) domain = $[0, \infty)$, range = $[-2, \infty)$



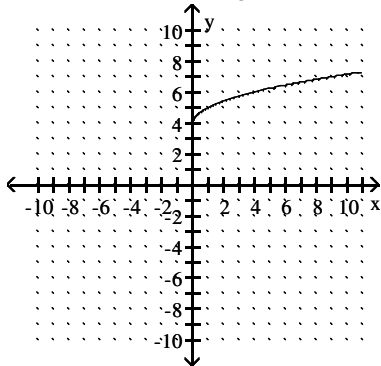
8) domain = $[0, \infty)$, range = $[2, \infty)$



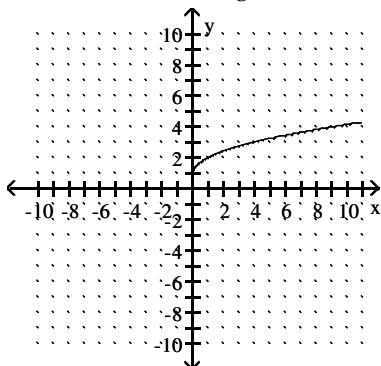
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V02

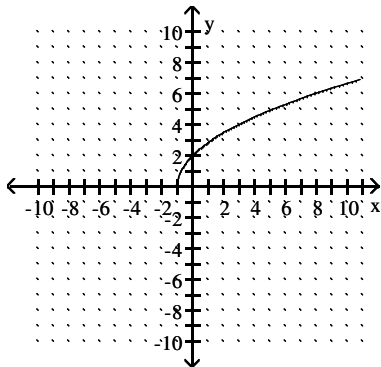
9) domain = $[0, \infty)$, range = $[4, \infty)$



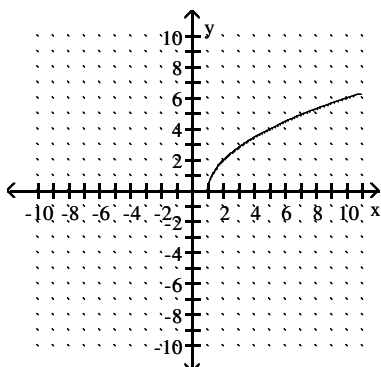
10) domain = $[0, \infty)$, range = $[1, \infty)$



11) domain = $[-1, \infty)$, range = $[0, \infty)$



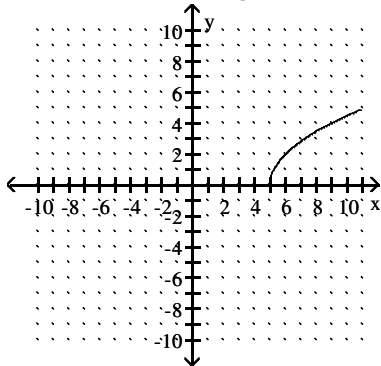
12) domain = $[1, \infty)$, range = $[0, \infty)$



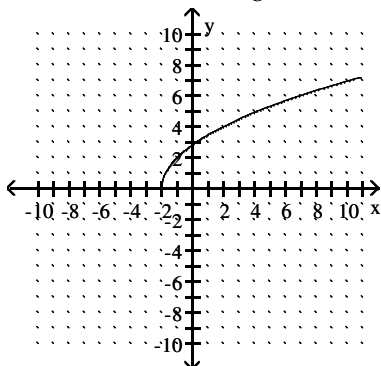
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V02

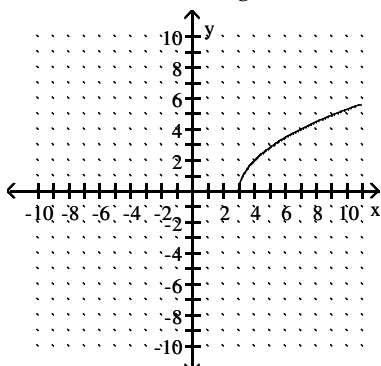
13) domain = $[5, \infty)$, range = $[0, \infty)$



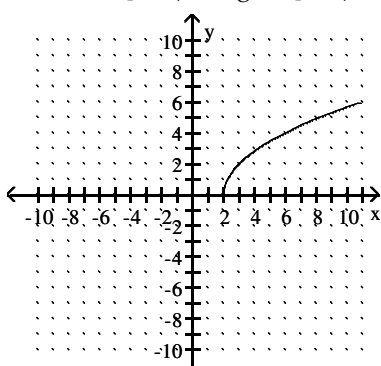
14) domain = $[-2, \infty)$, range = $[0, \infty)$



15) domain = $[3, \infty)$, range = $[0, \infty)$



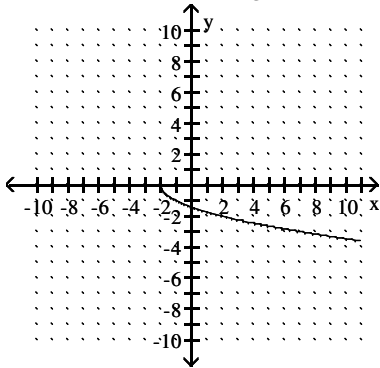
16) domain = $[2, \infty)$, range = $[0, \infty)$



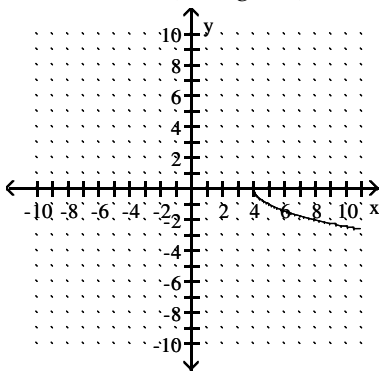
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V02

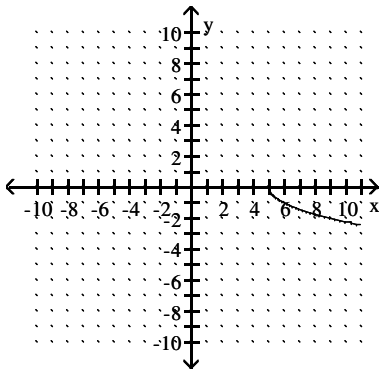
17) domain = $[-2, \infty)$, range = $(-\infty, 0]$



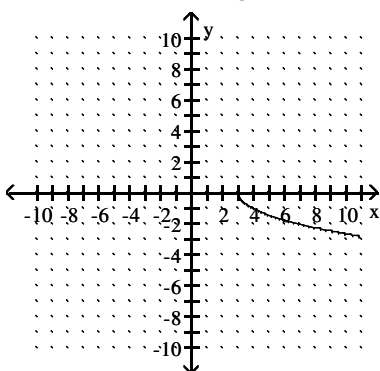
18) domain = $[4, \infty)$, range = $(-\infty, 0]$



19) domain = $[5, \infty)$, range = $(-\infty, 0]$



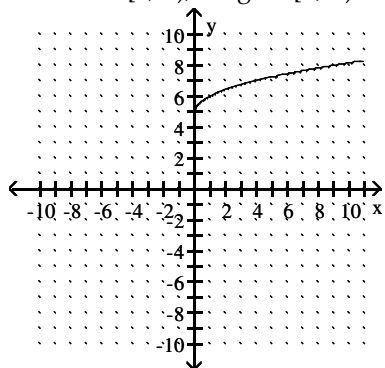
20) domain = $[3, \infty)$, range = $(-\infty, 0]$



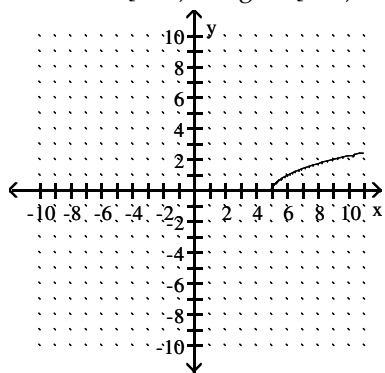
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V02

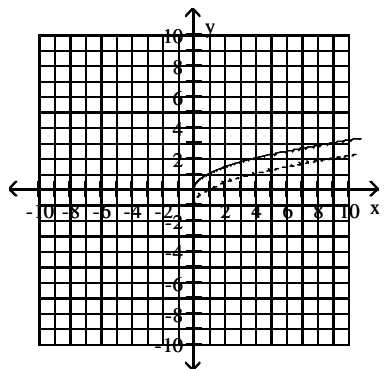
21) domain = $[0, \infty)$, range = $[5, \infty)$



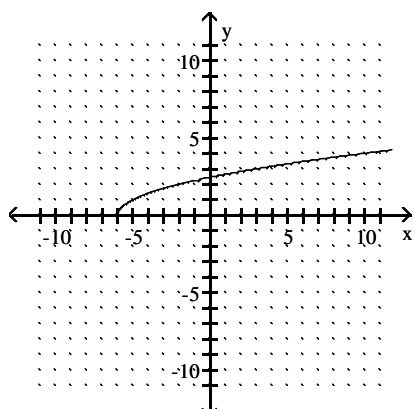
22) domain = $[5, \infty)$, range = $[0, \infty)$



23)



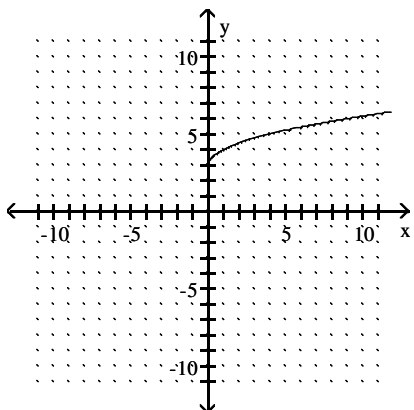
24)



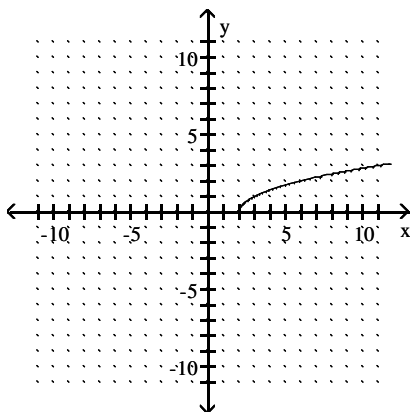
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V02

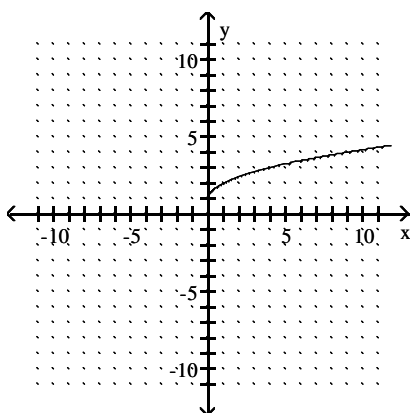
25)



26)



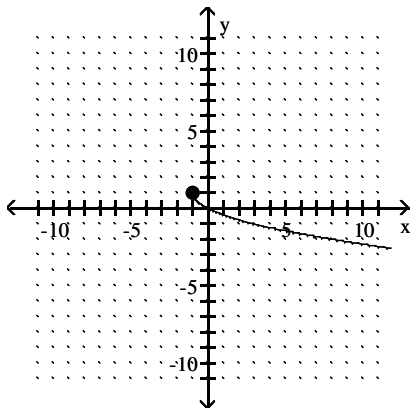
27)



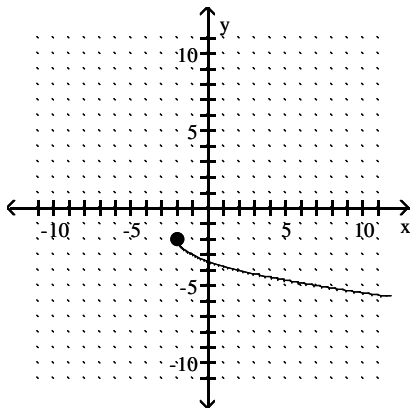
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V02

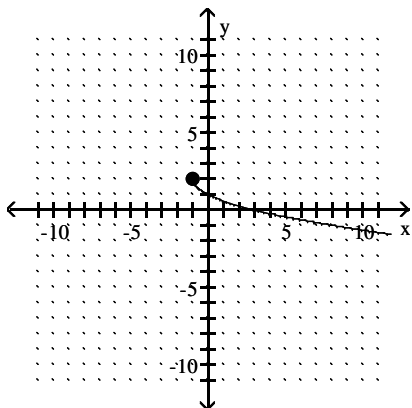
28)



29)



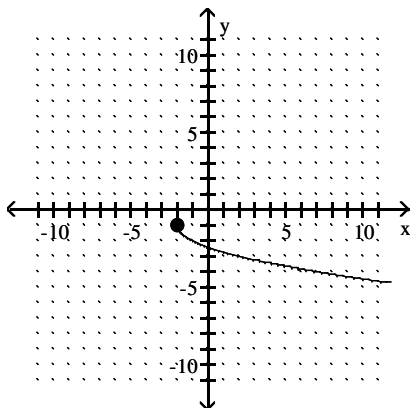
30)



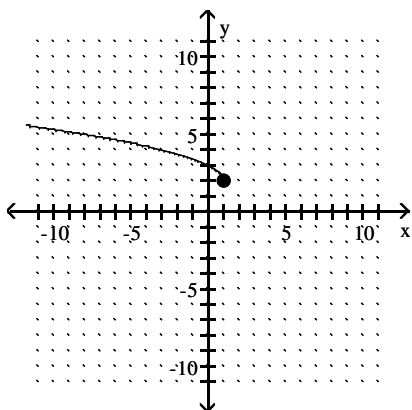
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V02

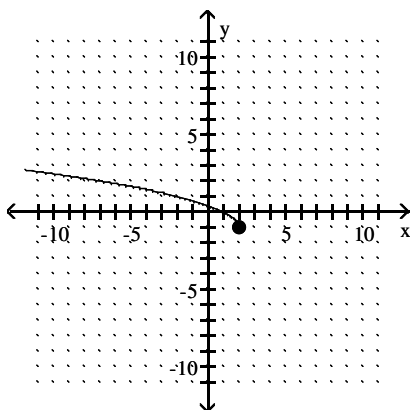
31)



32)



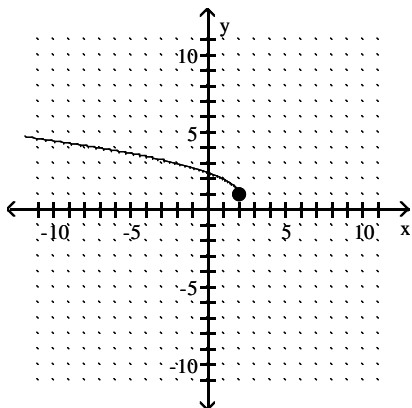
33)



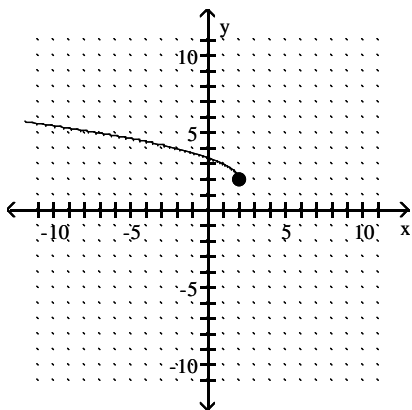
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V02

34)



35)



36)

