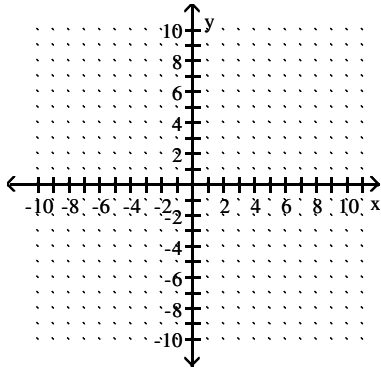


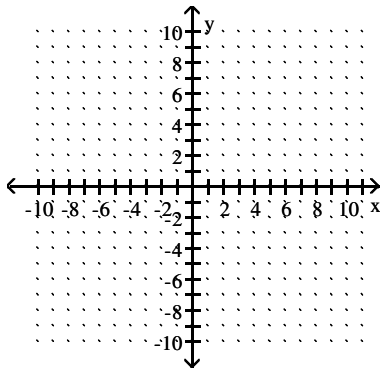
Name _____

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

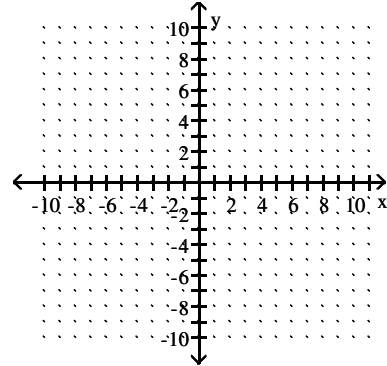
1) $f(x) = \sqrt{x - 4}$



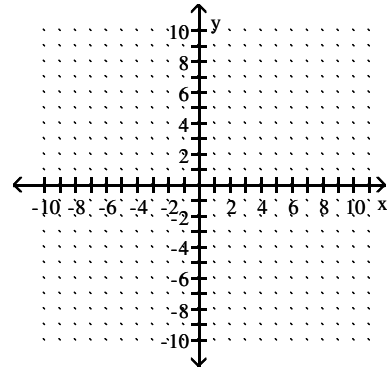
2) $f(x) = \sqrt{x - 1}$



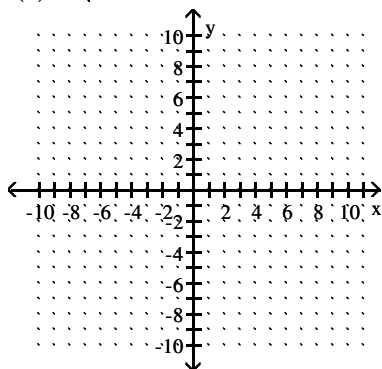
3) $f(x) = \sqrt{x - 2}$



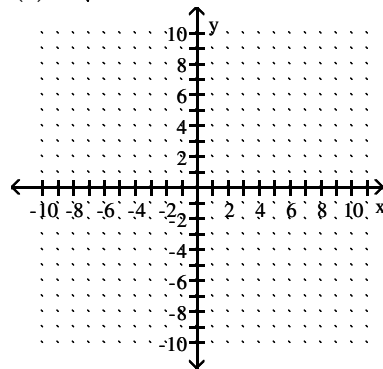
4) $f(x) = \sqrt{x + 5}$



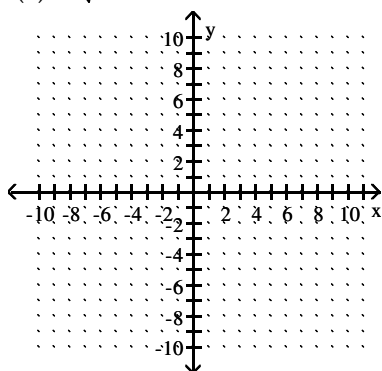
5) $f(x) = \sqrt{x} + 4$



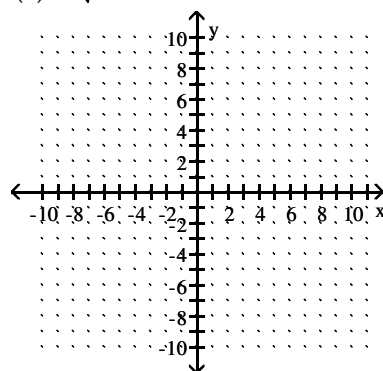
8) $f(x) = \sqrt{x} + 1$



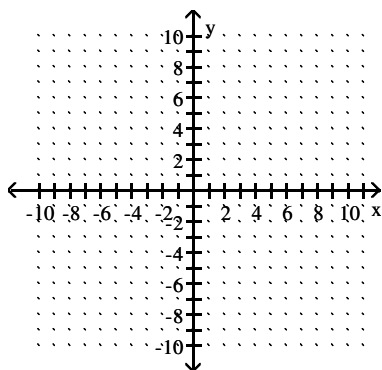
6) $f(x) = \sqrt{x} + 2$



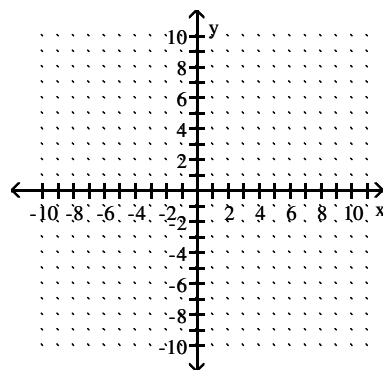
9) $f(x) = \sqrt{x} + 5$



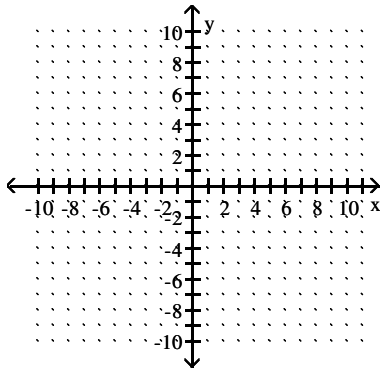
7) $f(x) = \sqrt{x} - 2$



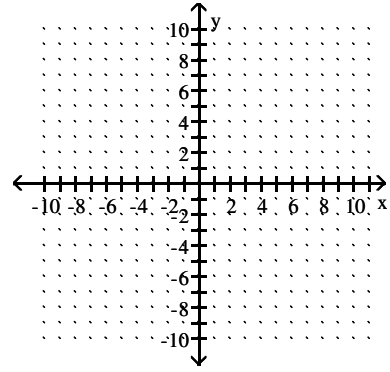
10) $f(x) = \sqrt{x} - 3$



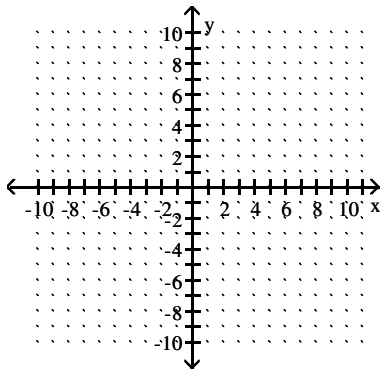
11) $f(x) = 2\sqrt{x+2}$



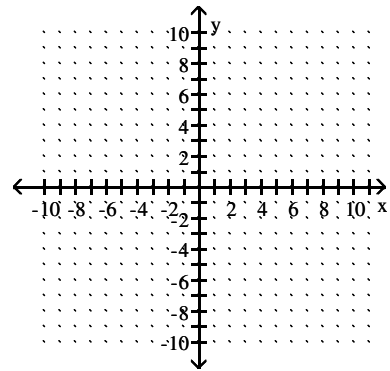
14) $f(x) = 2\sqrt{x+3}$



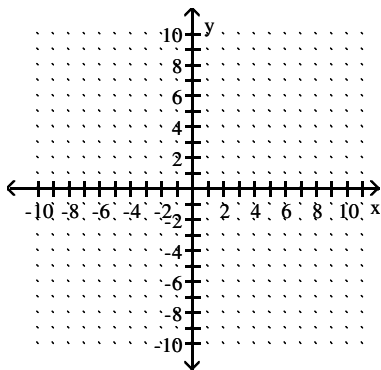
12) $f(x) = 2\sqrt{x-3}$



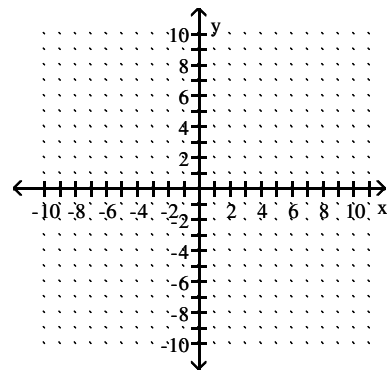
15) $f(x) = 2\sqrt{x-4}$



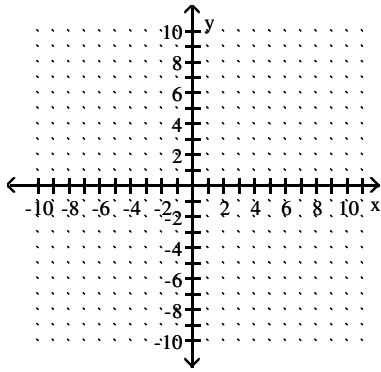
13) $f(x) = 2\sqrt{x+5}$



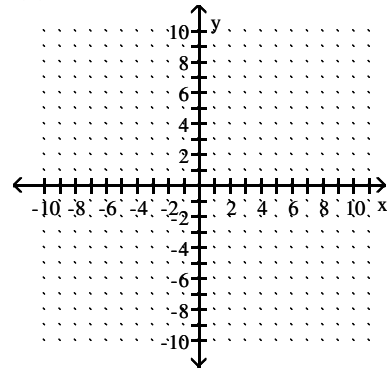
16) $f(x) = 2\sqrt{x+4}$



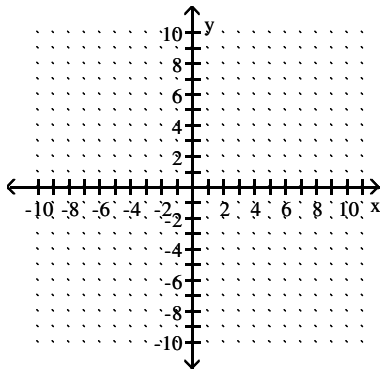
17) $f(x) = -\sqrt{x+4}$



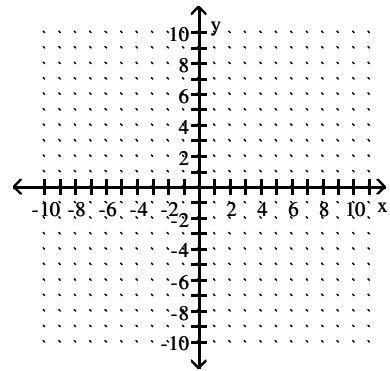
20) $f(x) = -\sqrt{x+3}$



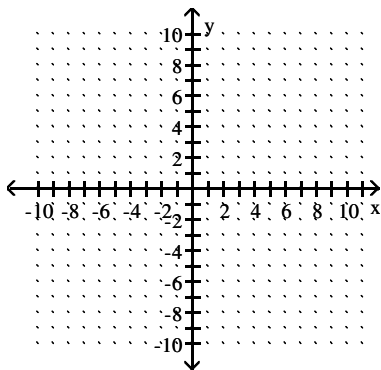
18) $f(x) = -\sqrt{x+1}$



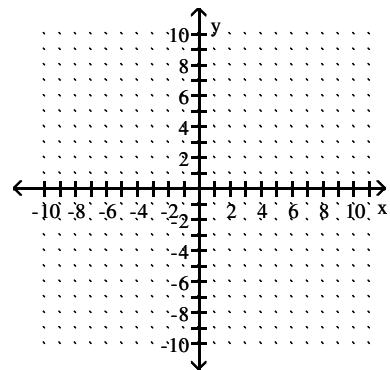
21) $f(x) = \sqrt{x} - 4$



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

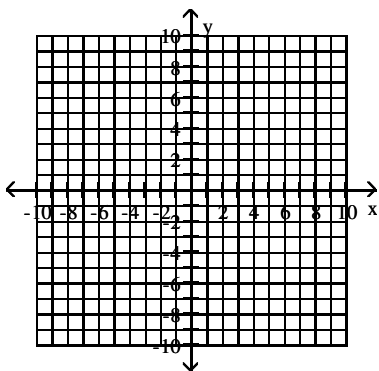


22) $f(x) = \sqrt{x+2}$



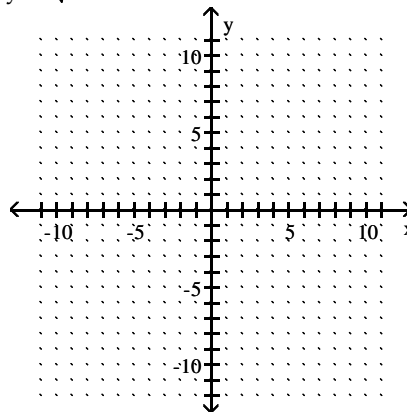
Graph the function.

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

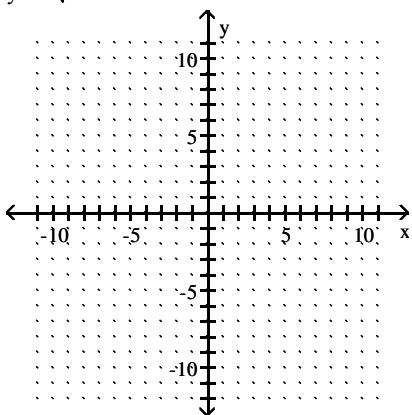


Graph the equation.

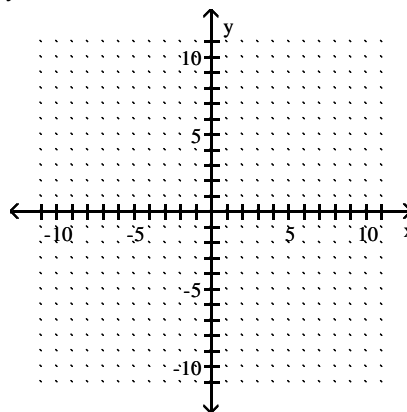
26) $y = \sqrt{x+5}$



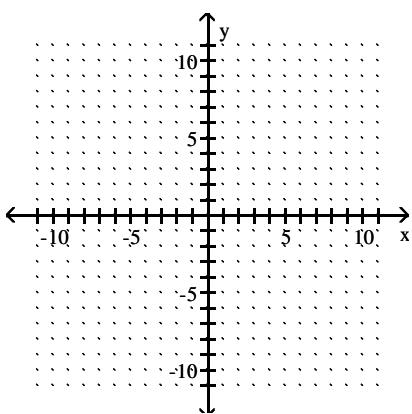
24) $y = \sqrt{x-3}$



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

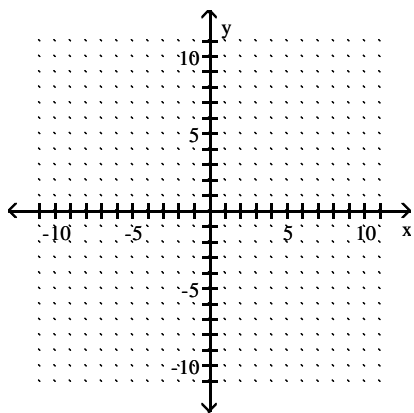


25) $y = \sqrt{x} - 4$

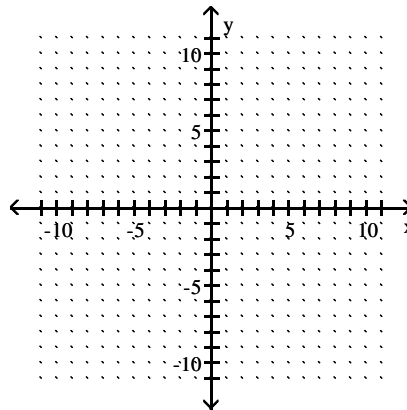


Graph the function.

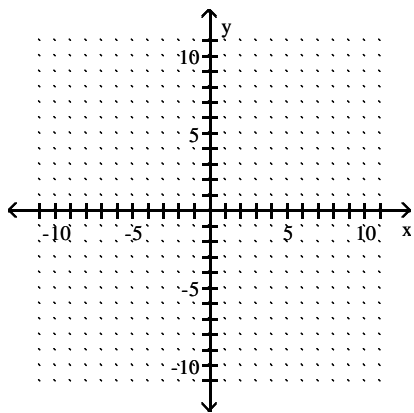
28) $g(x) = -\sqrt{x+2} - 2$



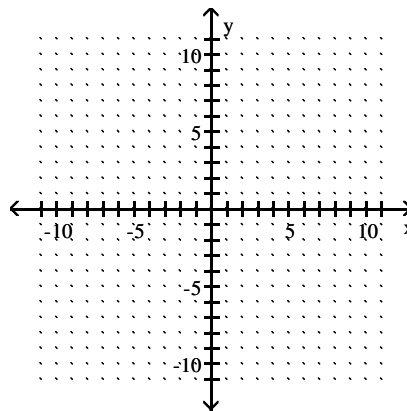
30) $g(x) = -\sqrt{x+2} + 2$



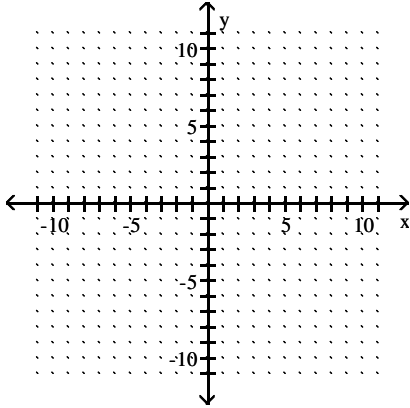
29) $g(x) = -\sqrt{x+1} + 2$



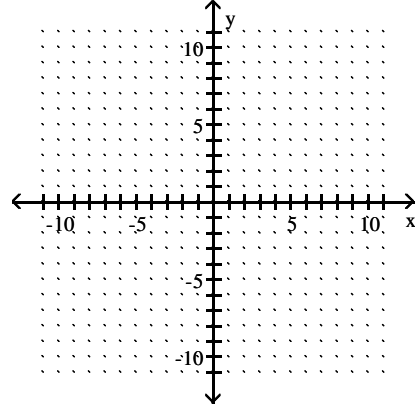
31) $g(x) = -\sqrt{x+2} - 1$



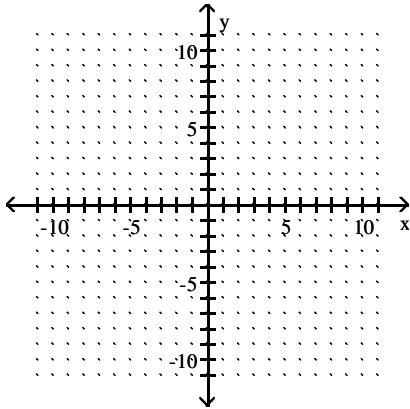
32) $h(x) = \sqrt{-x + 2} - 1$



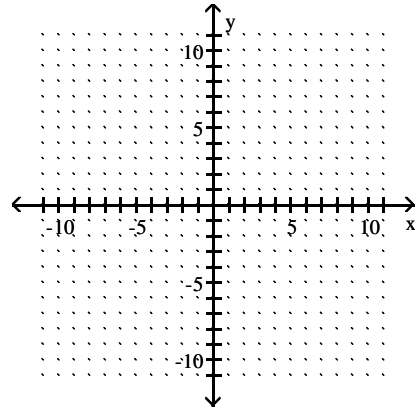
34) $h(x) = \sqrt{-x + 2} + 1$



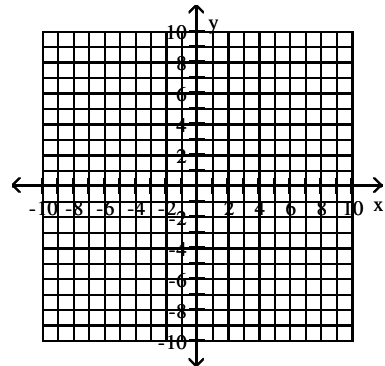
33) $h(x) = \sqrt{-x + 1} + 1$



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



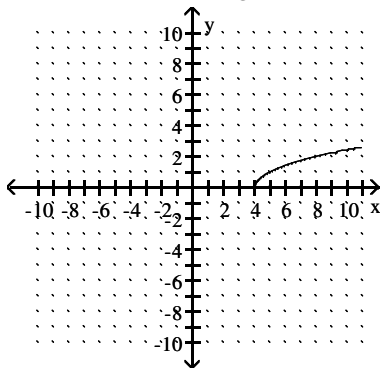
36) $g(x) = \sqrt{x} - 2$



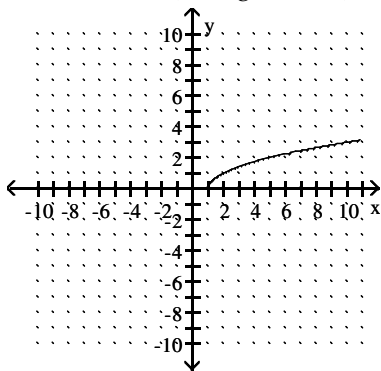
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V01

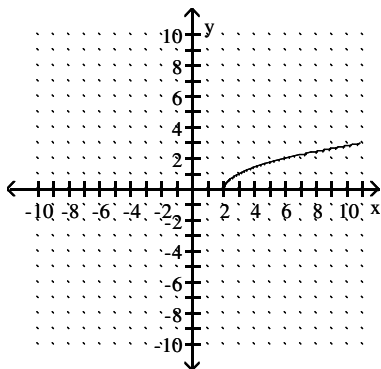
1) domain = $[4, \infty)$, range = $[0, \infty)$



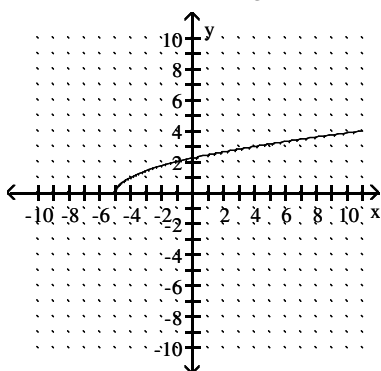
2) domain = $[1, \infty)$, range = $[0, \infty)$



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



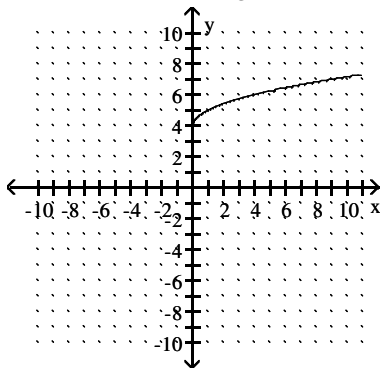
4) domain = $[-5, \infty)$, range = $[0, \infty)$



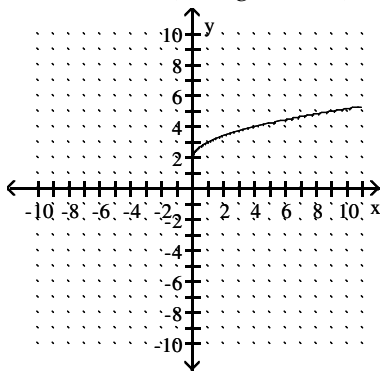
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V01

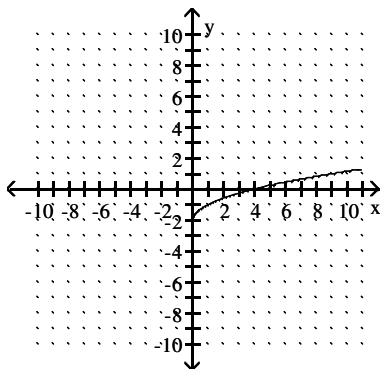
5) domain = $[0, \infty)$, range = $[4, \infty)$



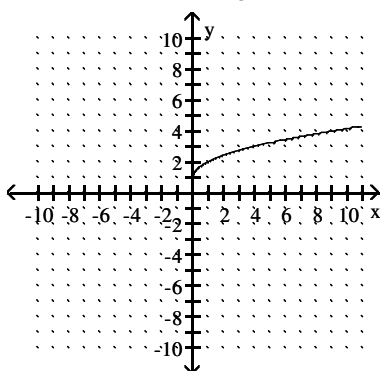
6) domain = $[0, \infty)$, range = $[2, \infty)$



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



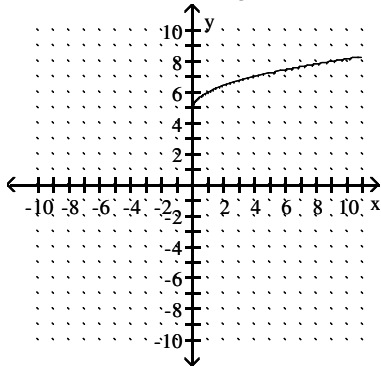
8) domain = $[0, \infty)$, range = $[1, \infty)$



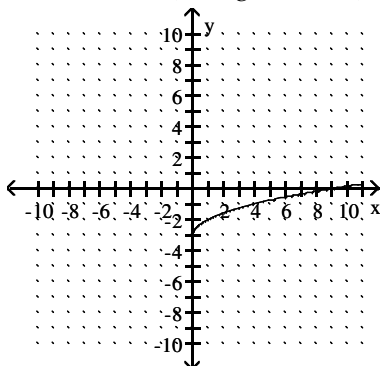
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V01

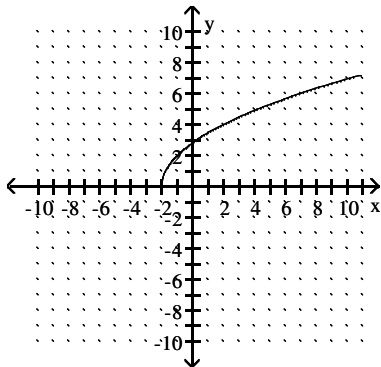
9) domain = $[0, \infty)$, range = $[5, \infty)$



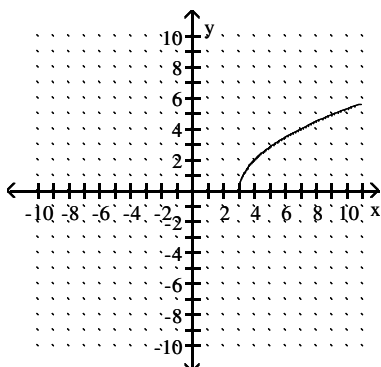
10) domain = $[0, \infty)$, range = $[-3, \infty)$



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



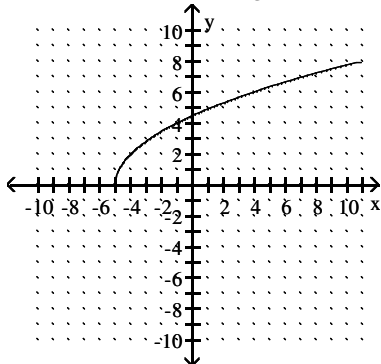
12) domain = $[3, \infty)$, range = $[0, \infty)$



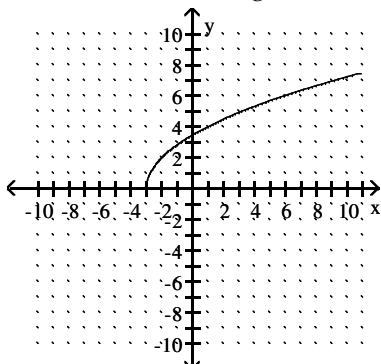
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V01

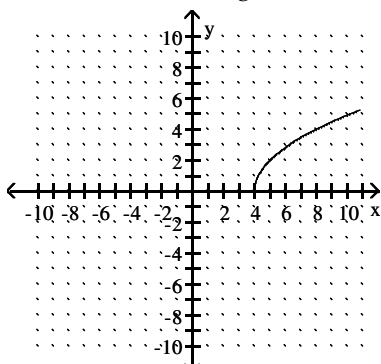
13) domain = $[-5, \infty)$, range = $[0, \infty)$



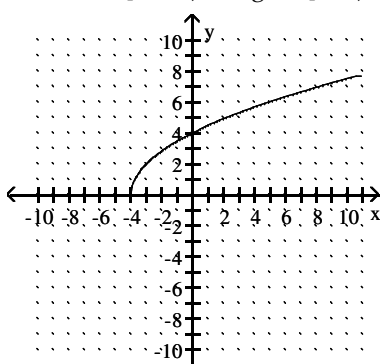
14) domain = $[-3, \infty)$, range = $[0, \infty)$



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



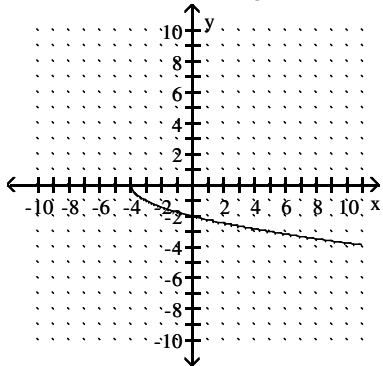
16) domain = $[-4, \infty)$, range = $[0, \infty)$



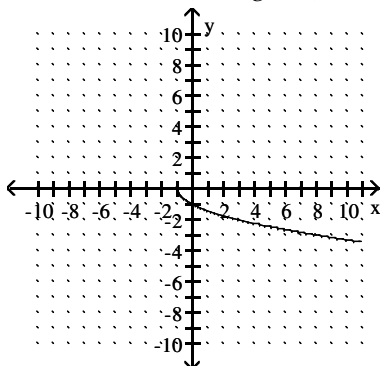
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V01

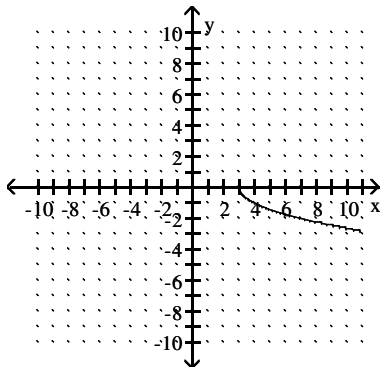
17) domain = $[-4, \infty)$, range = $(-\infty, 0]$



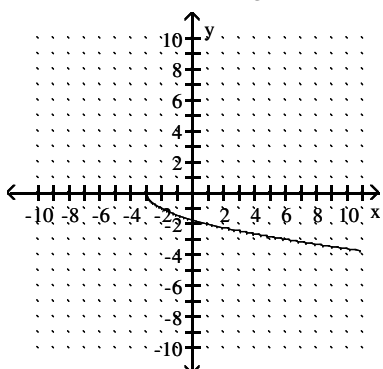
18) domain = $[-1, \infty)$, range = $(-\infty, 0]$



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



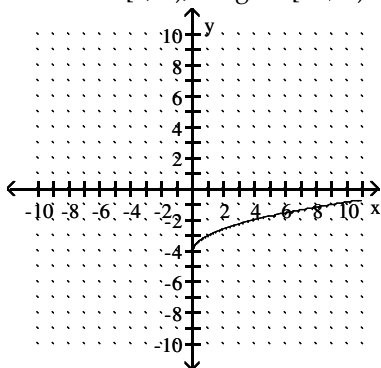
20) domain = $[-3, \infty)$, range = $(-\infty, 0]$



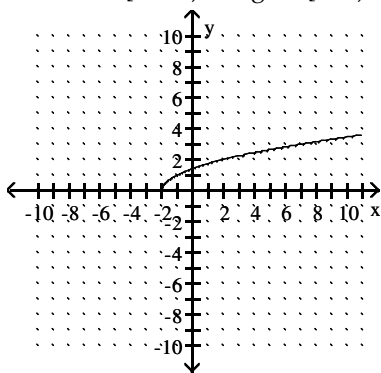
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V01

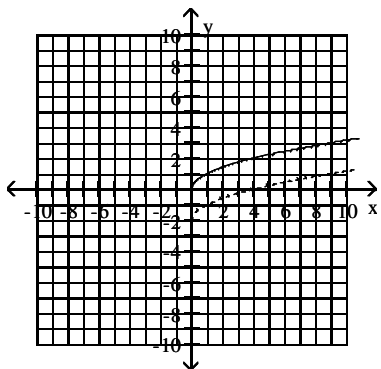
21) domain = $[0, \infty)$, range = $[-4, \infty)$



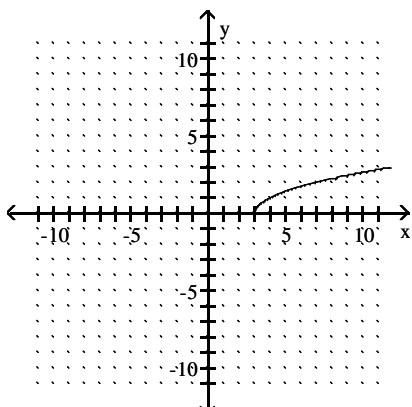
22) domain = $[-2, \infty)$, range = $[0, \infty)$



23)



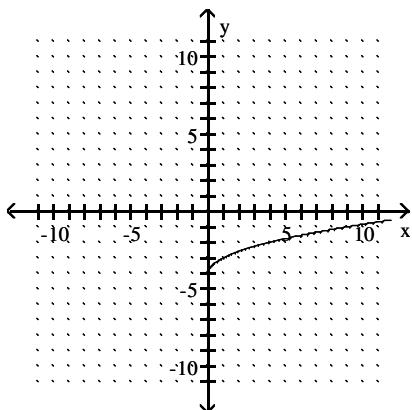
24)



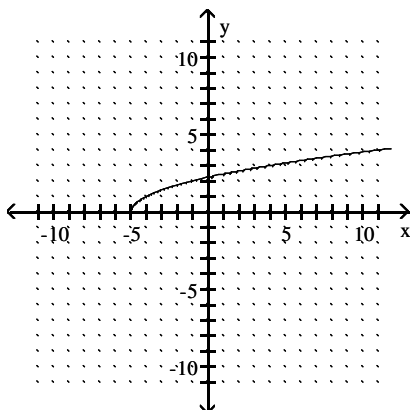
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V01

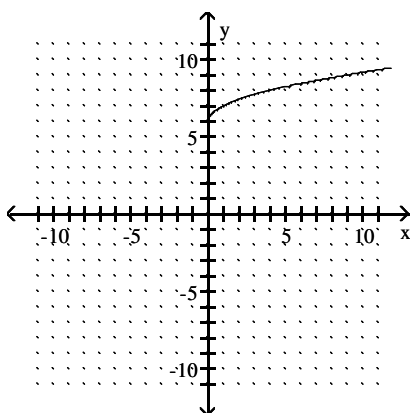
25)



26)



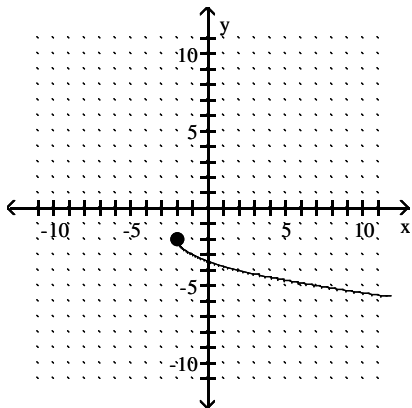
27)



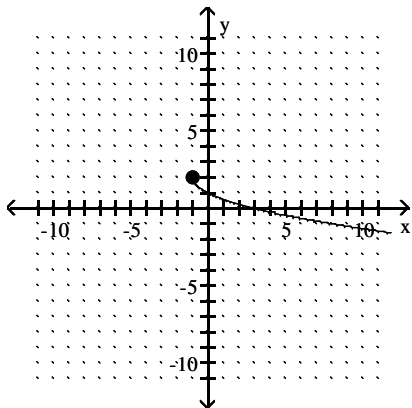
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V01

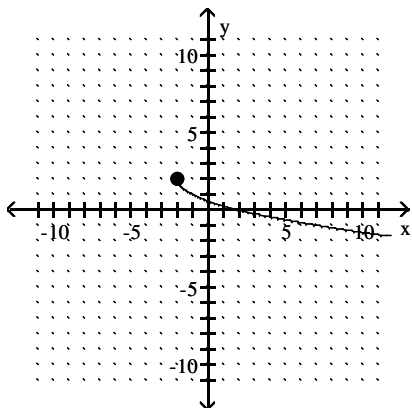
28)



29)



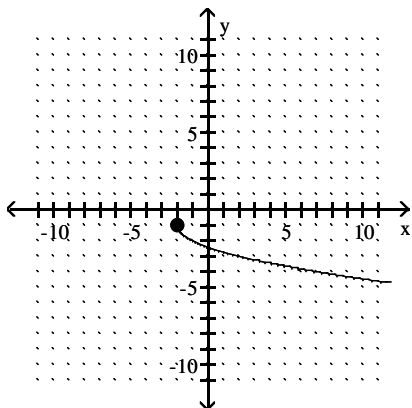
30)



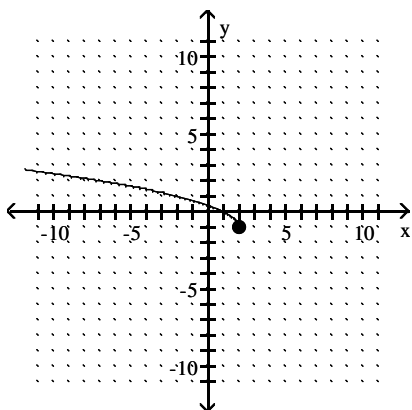
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V01

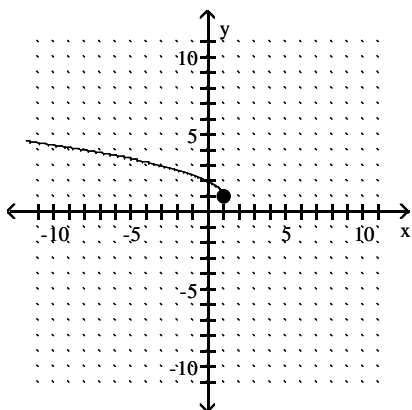
31)



32)



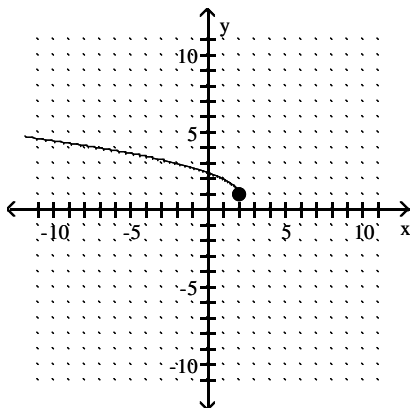
33)



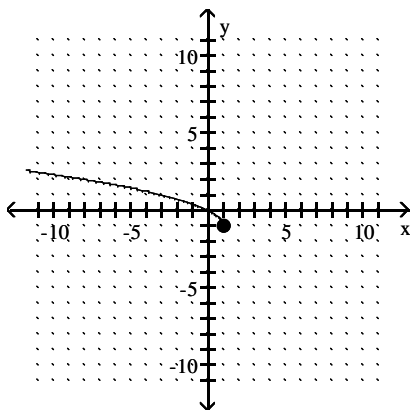
Answer Key

Testname: WORKSHEET6.5B_GRAPHINGRADICALEQUATIONS_V01

34)



35)



36)

