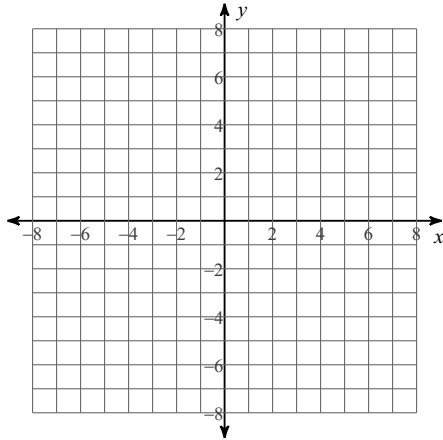


Assignment

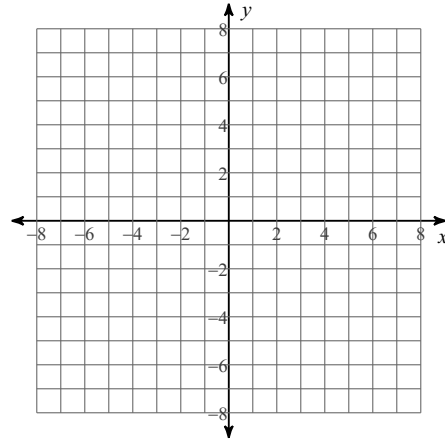
Date _____ Period _____

Sketch the graph of each function. State the Domain and Range for each function.

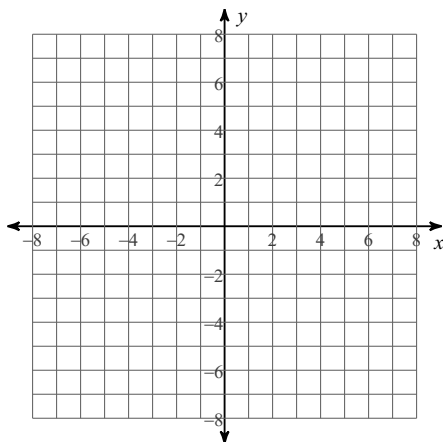
1) $y = -3\sqrt{x}$



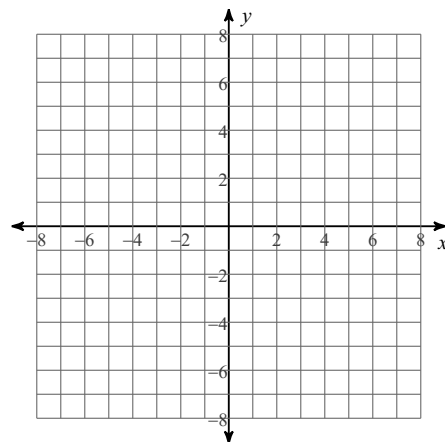
2) $y = 2\sqrt{x-2}$



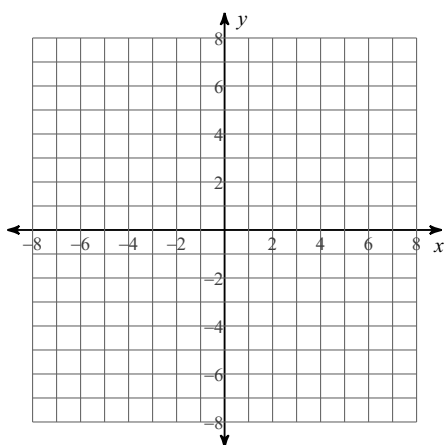
3) $y = \sqrt{x-2} - 2$



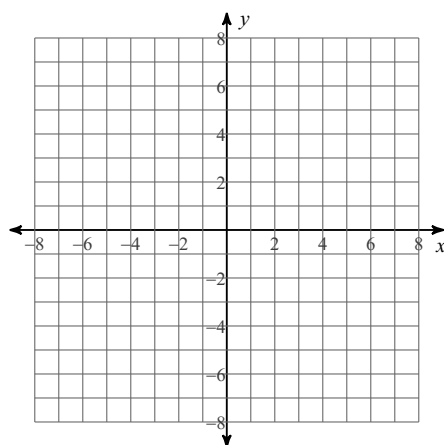
4) $y = -3\sqrt{x+3} + 4$



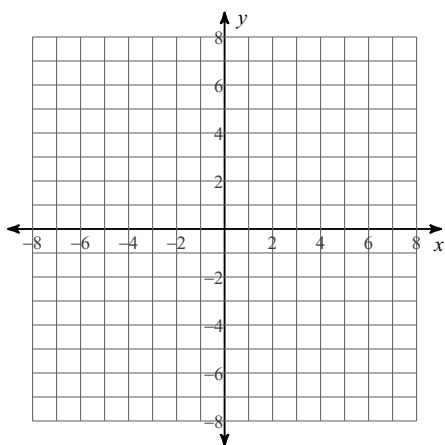
5) $y = \sqrt{x}$



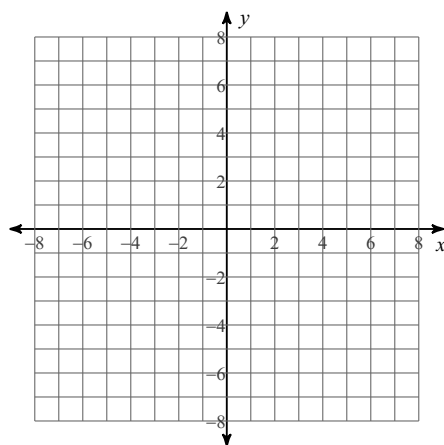
6) $y = \sqrt{x} - 3$



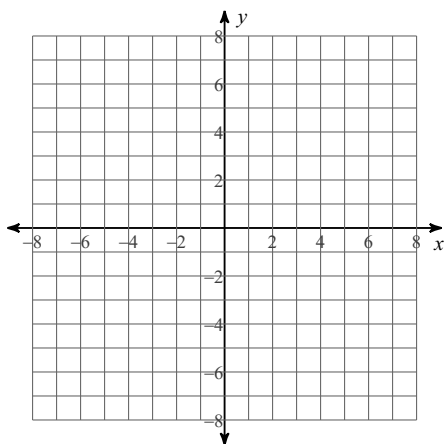
7) $y = 4\sqrt{x-4}$



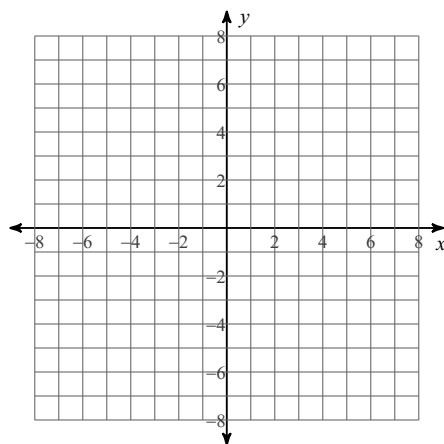
8) $y = -3\sqrt{x-2} + 2$



9) $y = \sqrt{x} + 4$

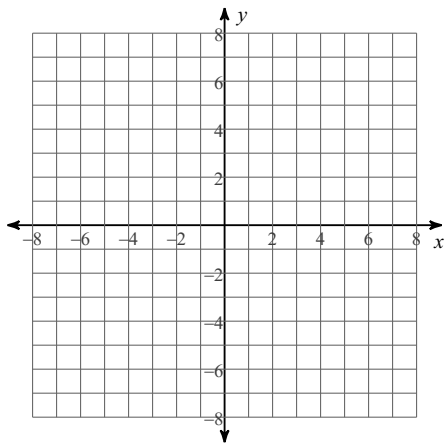


10) $y = 2\sqrt{x+1}$

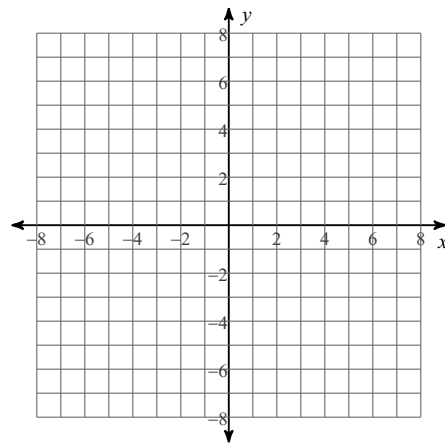


Sketch the graph of each function.

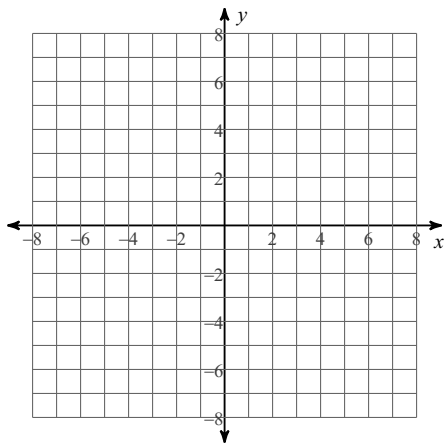
11) $y = 3 + \sqrt[3]{x - 4}$



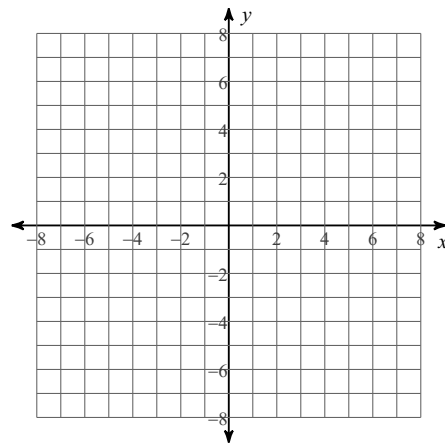
12) $y = \sqrt[3]{x - 3}$



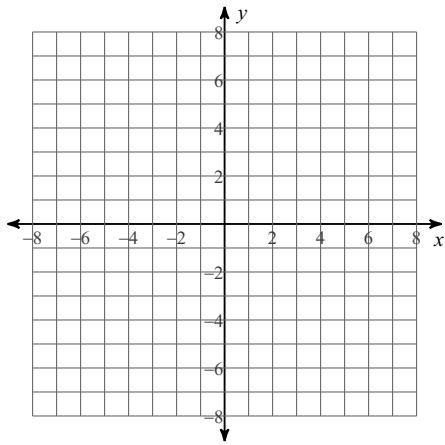
13) $y = 2 + \sqrt[3]{x}$



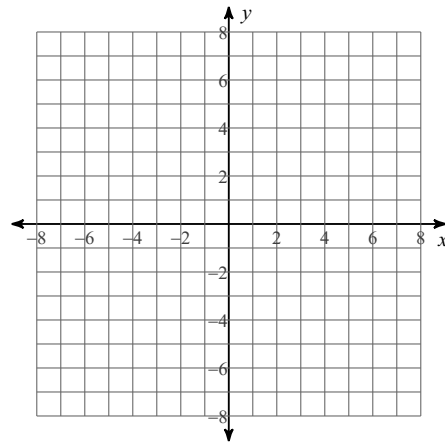
14) $y = \sqrt[3]{x + 6} + 2$



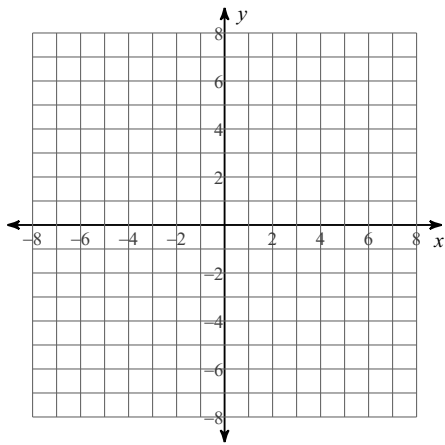
15) $y = -2\sqrt[3]{x+3}$



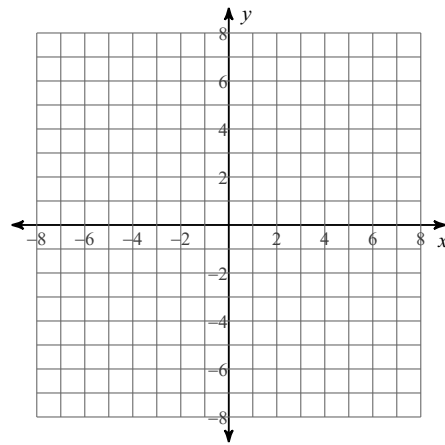
16) $y = 2\sqrt[3]{x-3}$



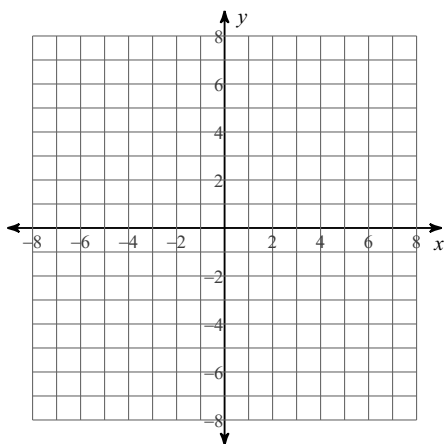
17) $y = \sqrt[3]{x-1}$



18) $y = \sqrt[3]{x+5} + 1$



19) $y = -2\sqrt[3]{x+1}$



20) $y = -2\sqrt[3]{x}$

