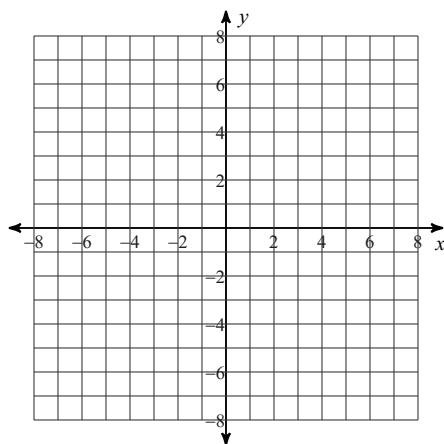


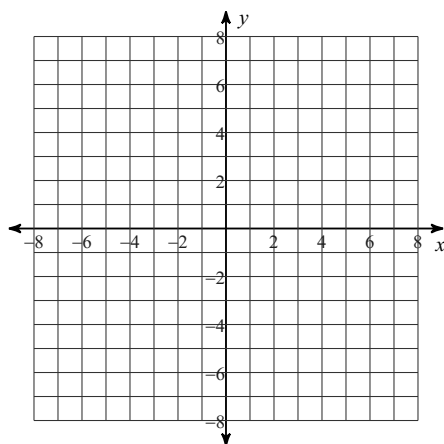
6.8

Identify the domain and range of each. Sketch the parent function first. Then sketch the graph.

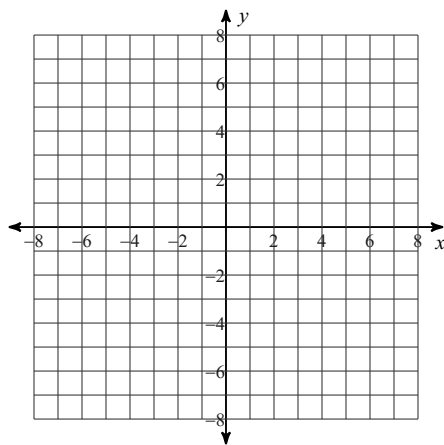
1) $y = \sqrt[3]{x+1} - 2$



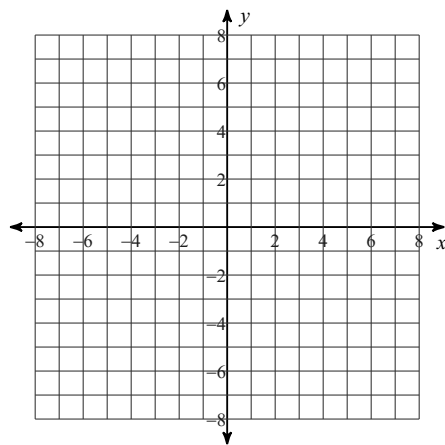
2) $y = \sqrt[3]{x+5}$



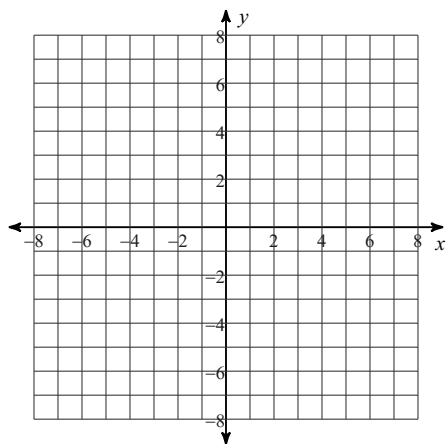
3) $y = \sqrt{x+4}$



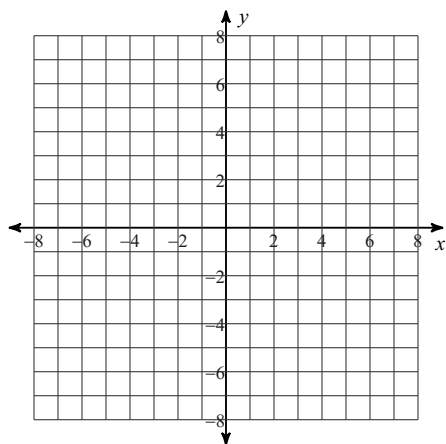
4) $y = \sqrt{x-4} + 1$



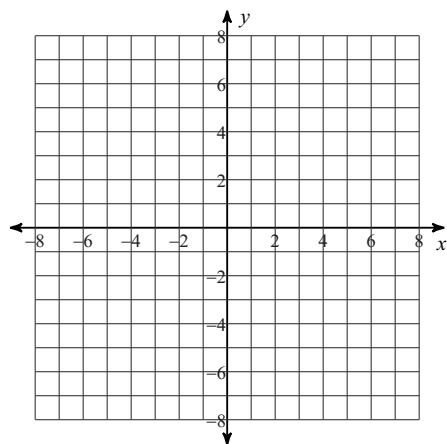
5) $y = \sqrt[3]{x+5} - 5$



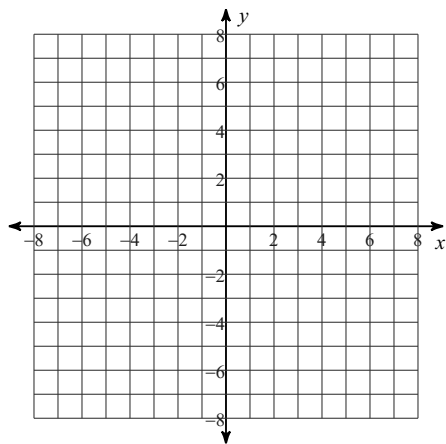
6) $y = \sqrt{x} - 3$



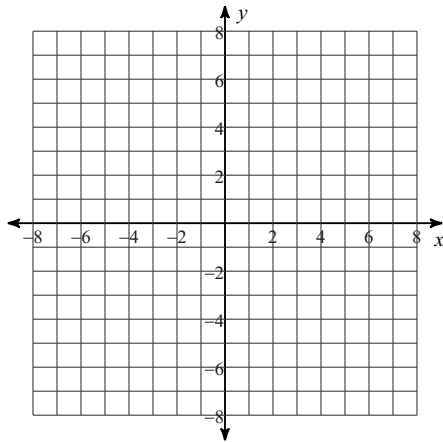
7) $y = \sqrt{x} + 3$



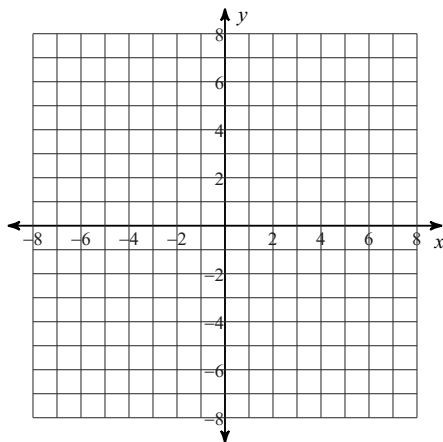
8) $y = \sqrt[3]{x} - 3$



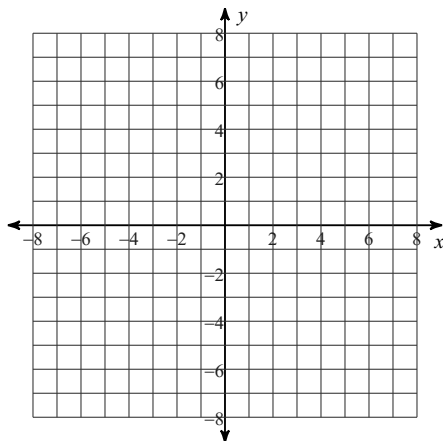
9) $y = \sqrt{x-1} + 1$



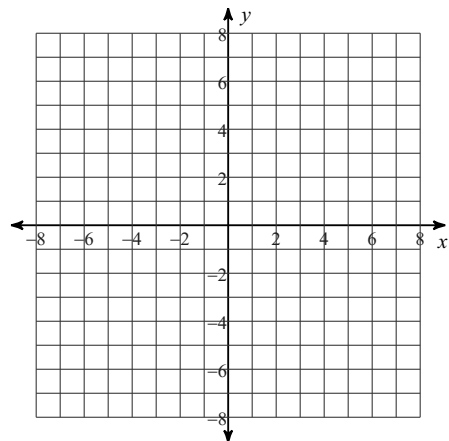
10) $y = \sqrt[3]{x-4}$



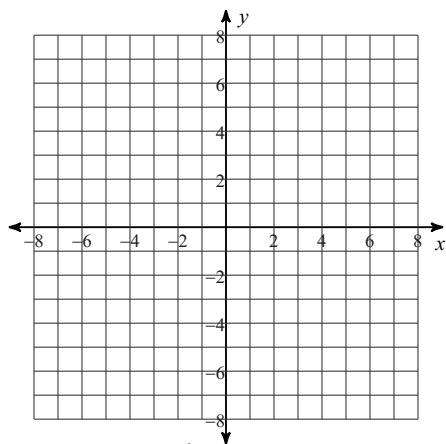
11) $y = \sqrt{x-1} - 1$



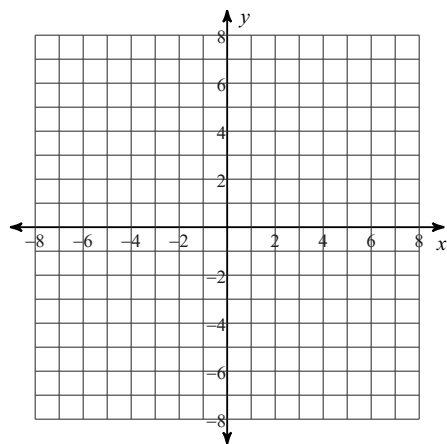
12) $y = 2 + \sqrt{x+1}$



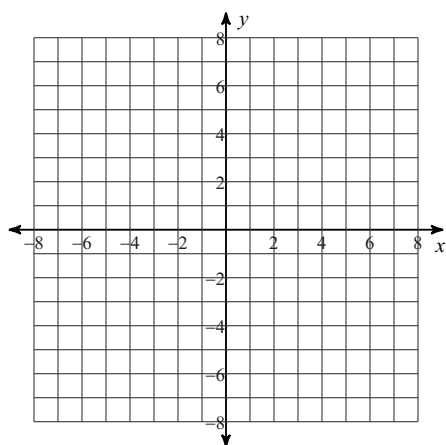
13) $y = \sqrt{x+1} - 3$



14) $y = \sqrt{x}$



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



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

