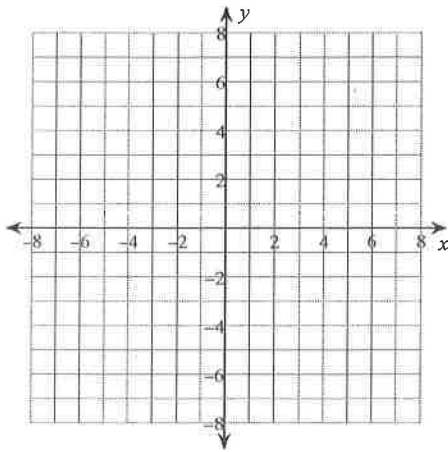


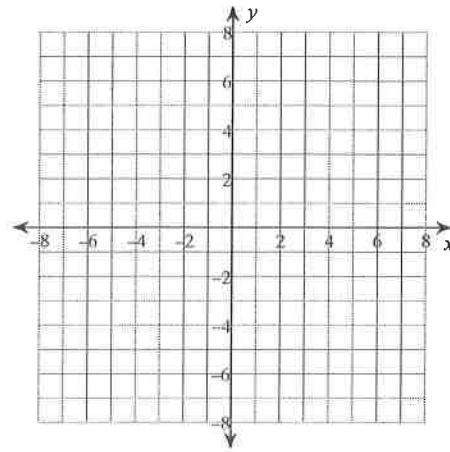
Graphing Cubic Functions: Identify the three target points Date _____

Sketch the graph of each function.

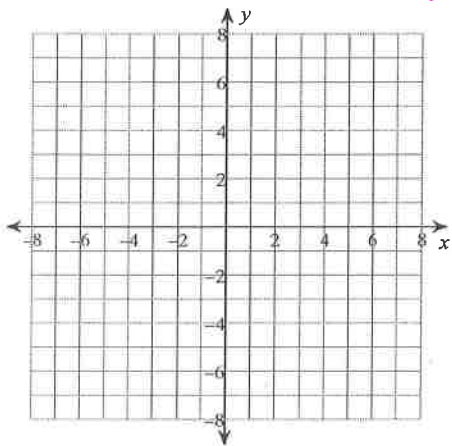
1) $y = -4 + \sqrt[3]{x+6}$



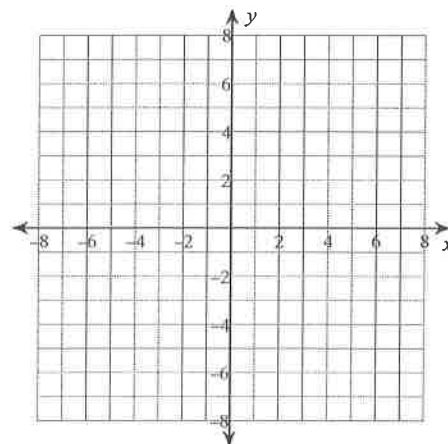
2) $y = 2\sqrt[3]{x+1}$



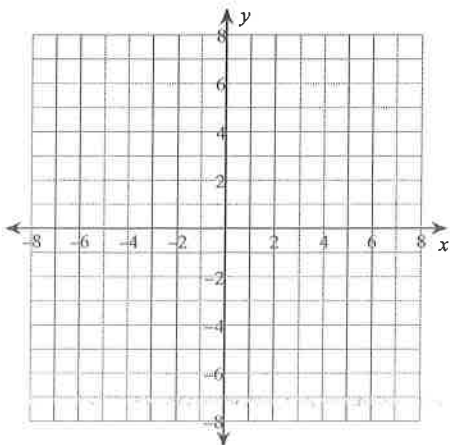
3) ~~$y = \sqrt[3]{x}$~~ $y = -\frac{1}{2}(x-1)^3$



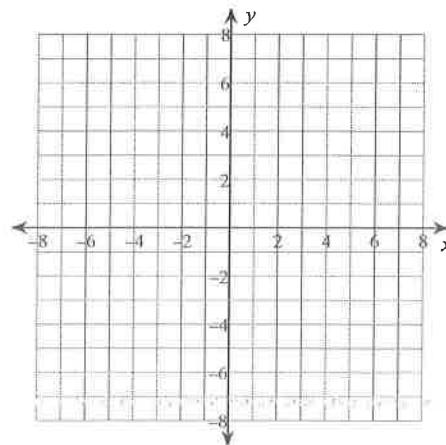
4) $y = \sqrt[3]{\frac{8x}{27}}$



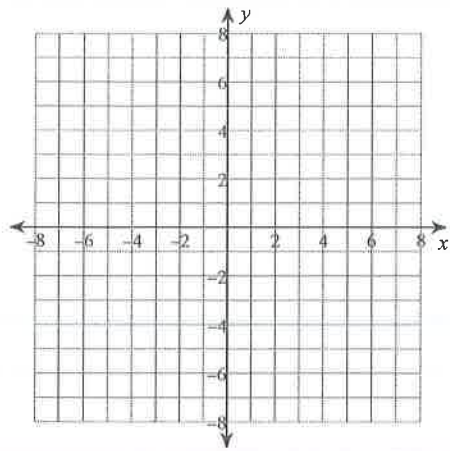
5) $y = \sqrt[3]{x-4} + 5$



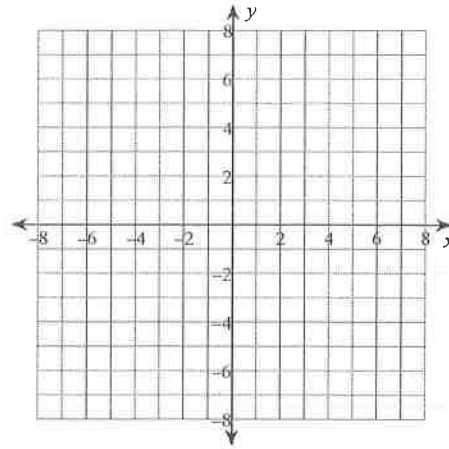
6) $y = 3\sqrt[3]{x+2}$



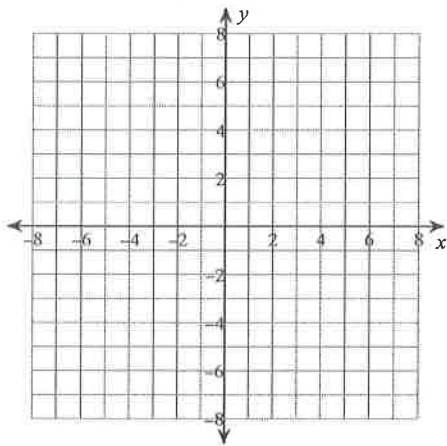
7) ~~$y = 4\sqrt[3]{x}$~~ $y = (x+1)^3 - 2$



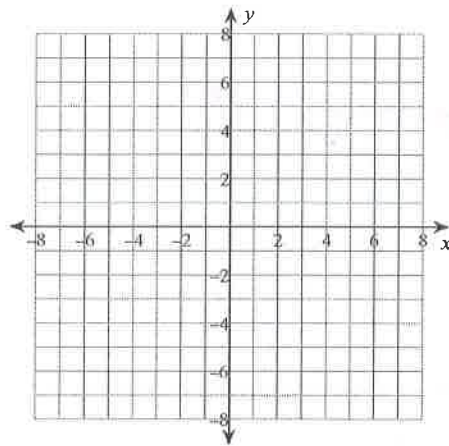
8) ~~$y = \sqrt[3]{\frac{27x-108}{64}} + 3$~~ $y = 4x^3 + 1$



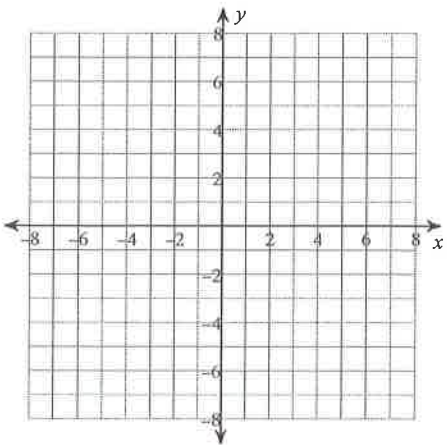
9) ~~$y = -3\sqrt[3]{x}$~~ $y = -2(x-2)^3$



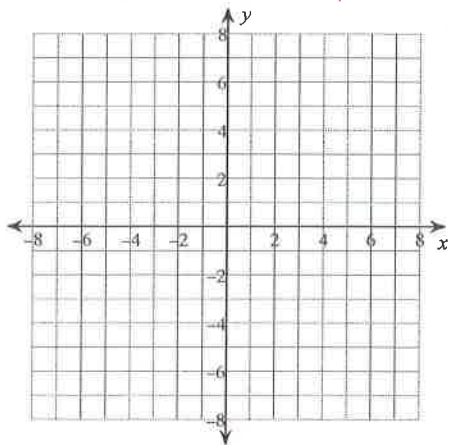
10) $y = \sqrt[3]{x+3} + 1$



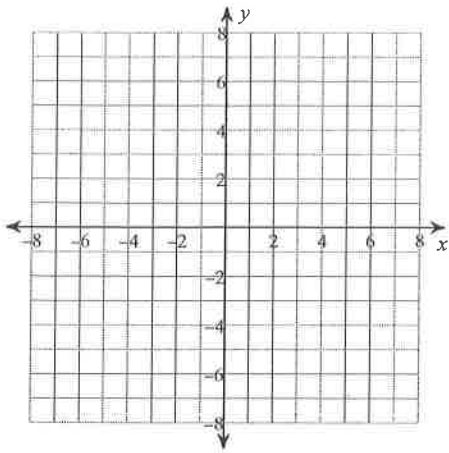
11) $y = -3 + \sqrt[3]{8x+16}$



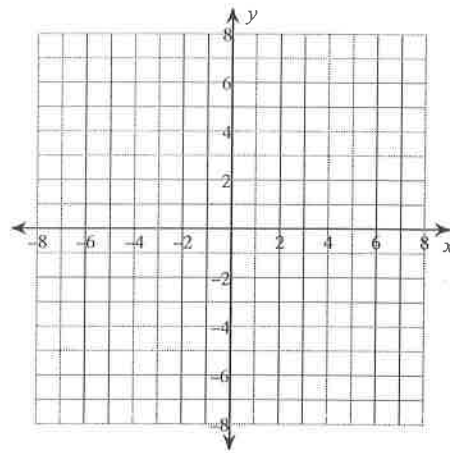
12) ~~$y = \sqrt[3]{-8x+3}$~~ $y = (x+2)^3 - 4$



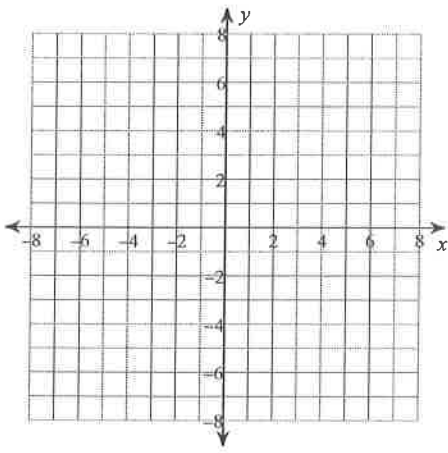
13) $y = \sqrt[3]{x} + 5$



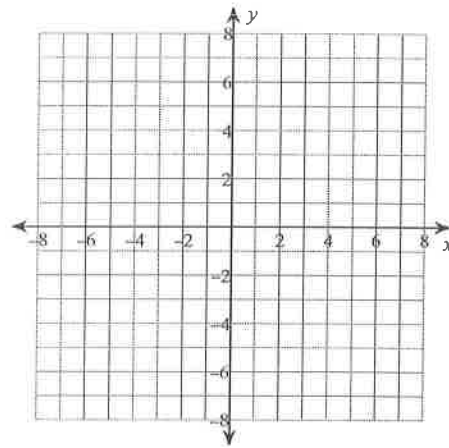
14) $y = 2\sqrt[3]{x}$



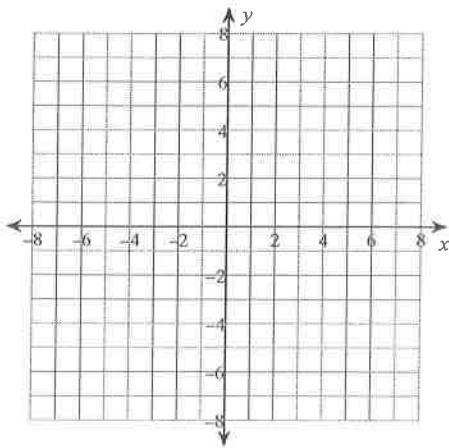
15) $y = \sqrt[3]{27x}$



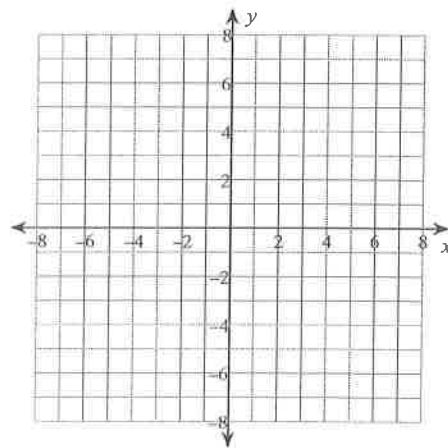
16) $y = \frac{3}{4}\sqrt[3]{x-4} + 5$



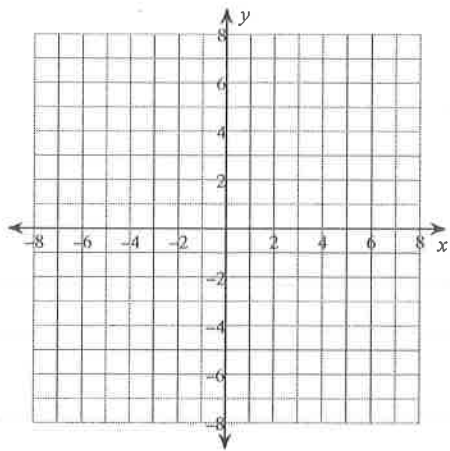
17) $y = -2 + \sqrt[3]{x}$



18) $y = \sqrt[3]{-27x-81}$



$$19) y = \frac{4}{5} \sqrt[3]{x+2}$$



$$20) y = \sqrt[3]{x-4}$$

