

In[•]:= **First@Solve** [**a x<sup>3</sup> + b x<sup>2</sup> + c x + d == 0, x**]

Out[•]=  $\left\{ x \rightarrow -\frac{b}{3a} - \frac{2^{1/3} (-b^2 + 3ac)}{3a \left( -2b^3 + 9abc - 27a^2d + \sqrt{4(-b^2 + 3ac)^3 + (-2b^3 + 9abc - 27a^2d)^2} \right)^{1/3}} + \frac{\left( -2b^3 + 9abc - 27a^2d + \sqrt{4(-b^2 + 3ac)^3 + (-2b^3 + 9abc - 27a^2d)^2} \right)^{1/3}}{3 \times 2^{1/3} a} \right\}$