

$$\underline{\underline{p(x) = 9x^3 - 21x^2 + 4x + 4}}$$

- ① What are the factors of the degree 0 coefficient.
- ② Find a root of $p(x)$.
- ③ Name a linear factor of $p(x)$.
- ④ Divide $p(x)$ by the linear factor to find a quadratic factor of $p(x)$.

⑤ How many roots does $9x^2 - 3x - 2$ have?

⑥ What are the roots of $9x^2 - 3x - 2$?

⑦ Completely factor $9x^2 - 3x - 2$.

⑧ Completely factor $p(x) = 9x^3 - 21x^2 + 4x + 4$.