

Parallel Division

The coefficients in this polynomial division correspond to the digits in the numeric division.

Compare the division of $(2n^3 + 7n^2 + 8n + 3) \div (2n + 3)$ with $2783 \div 23$.

- What do you notice?
- Can your observations be generalized for all polynomial divisions? Explain.
- What are the results of replacing numbers or signs in the polynomial division?