

## Dividing with Polynomials

**Divide.**

1)  $(10n^3 + 10n^2 + 10n) \div 5n$

2)  $(2b^3 + b^2 + 2b) \div 4b$

3)  $(x^5 + 2x^4 + 2x^3) \div 2x$

4)  $(v^4 + 8v^3 + 4v^2) \div 4v$

5)  $(5k^6 + 10k^5 + 10k^4) \div 5k^2$

6)  $(2p^5 + 8p^4 + p^3) \div 4p^2$

7)  $(2x^4 + 2x^3 + 2x^2) \div x^2$

8)  $(10k^5 + 5k^4 + 5k^3) \div 5k^2$

9)  $(p^4 + 2p^3 + 6p^2) \div 3p^2$

10)  $(x^3 + 2x^2 + 2x) \div x$