

Dividing Polynomials

Divide by long division method.

1) $(4a^3 - 7a^2 - 11a + 5) \div (4a + 5)$

2) $(6d^5 + 13d^4 - 6d^3 - 12d^2 + 5d - 6) \div (2d^2 + d - 3)$

3) $(2z^4 + 5z^3 +$

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4) $(5b^6 + 23b^5$

$+ 2b + 3)$

5) $(21x^5 + 24x^4$

$)3)$

6) $(6v^2 + 5v + 1) \div (2v + 1)$

7) $(18t^4 + 21t^3 + t^2 + 11t - 6) \div (2t + 3)$