

**Homework**  
October 18, 2004.

In addition to problems 3, 9, 17 and 21-35 on page 361, and 11 and 13 on page 375, also calculate the following divisions:

1.  $(x^3 + 8x^2 + 11x - 20) : (x - 1)$

2.  $(2x^3 + x^2 + 2x + 1) : (x^2 + 1)$

3.  $(x^4 - 3x^2 - 4) : (x - 2)$

4.  $(4x^5 + 12x^4 - x - 3) : (x + 3)$

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