

Factoring practice

Date _____ Period _____

Factor each completely.

1) $42xy + 70xn + 36ny + 60n^2$

2) $84ac + 42ak - 48xc - 24xk$

3) $m^3 - 6m^2 + 8m$

4) $4b^2 + 16b - 128$

5) $3x^2 + 13x - 56$

6) $15x^2 + 21x$

7) $45x^2 - 20y^2$

8) $3v^2 - 48$

Factor each.

9) $x^4 + 14x^2 + 45 = 0$

10) $x^4 + 10x^2 + 21 = 0$