

Name _____

Write the each polynomial in its factored form. Factor completely.

a) $y = x^3 + 4x^2 - 12x$

b) $y = 10x^2 - 15x$

c) $2x^3 + 10x^2 + 12x$

d) $6x^3 - 15x^2 - 36x$

e) $3x^4 - 18x^3 + 24x^2$

f) $x^3 - 9x$

g) $x^4 + x$

h) $12x^2 - 64x + 80$

i) $2x^4 + 22x^3 + 56x^2$

j) $35m^4 - 375m^3 + 250m^2$