

Assignment #29 Solve by Factoring

Date _____ Period ____ Row _____

Find all zeros.

1) $y = x(5x + 4)(x + 3)$

2) $f(x) = 5x^3 + 24x^2 + 16x$

3) $f(x) = 2x^3 - 3x^2 + x$

4) $f(x) = x^3 + 9x^2 + 6x$

5) $f(x) = a^6 + a^5 - 30a^4$

Find all zeros.

6) $f(x) = x^3 + 27$

7) $f(x) = 4x^3 + x^2 - 16x - 4$

8) $f(x) = 5x^3 + 15x^2 - x - 3$