

5.4 B w/book #'s 21-27 odds; 29-31all; 33-39 odds; 49-56 all

Period _____

Evaluate each function at the given value. Write answers in function notation: $f(x)=$

1) $f(x) = 2x^4 - 15x^3 + 21x^2 - 12x - 38$ at $x = 6$

2) $f(x) = x^3 - x^2 - 2x - 6$ at $x = 2$

3) $f(x) = x^3 - 27x - 9$ at $x = -5$

4) $f(n) = n^4 + 6n^3 + 4n^2 - 12n + 16$ at $n = -3$

5) $f(m) = m^5 - 11m^3 + 8m^2 - 16$ at $m = 3$

6) $f(m) = m^5 - 12m^4 + 32m^3 + 24m^2 + 5m - 26$ at $m = 6$