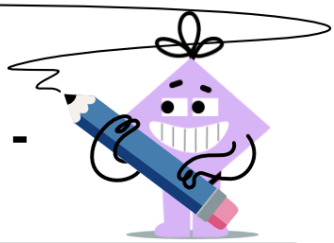
Name



Function End Behaviour (Polynomials) - Rule to Function

1 Which function has this power and coefficient? highest power = odd, leading coefficient = positive

A $f(x) = 5x^3 - 3x^2 - 3x$

B $f(x) = -5x^3 - 3x^2 - 3x$

2 Which function has this power and coefficient? highest power = even, leading coefficient = positive

A $f(x) = 4x^6 + 2x^5 + 2x^4$

B $f(x) = -4x^6 + 2x^5 + 2x^4$

3 Which function has this power and coefficient? highest power = odd, leading coefficient = negative

A $f(x) = -2x^3 - 4x^2 - 4x$

B $f(x) = -2x^2 - 4x - 4$

4 Which function has this power and coefficient? highest power = even, leading coefficient = negative

A $f(x) = -4x^6 + 2x^5 + 2x^4$

B $f(x) = 4x^6 + 2x^5 + 2x^4$