MHF4U Test 1 Review

Test will be Monday…



* Determine key features of an exponential function (asymptotes, domain and range, intercepts, increasing/decreasing behaviour, end behaviour).



* Sketch f(x) = sin(x) and f(x) =cos(x) for angle measures expressed in degrees.



* Determine amplitude, period, and phase shift of sinusoidal functions whose equations are given in the form f(x) =a sin(k(c-d)) +c, with angles in degrees.
* Sketch the graph of a sinusoidal function.



* State the key features of reciprocal functions (vertical and horizontal asymptotes, domain and range, intercepts, positive/negative intervals, increasing/decreasing intervals, end behaviour)



* Describe how the “a”, “k” “d” and “c” affect parent functions from grade 11.



* Determine if a function is even or odd



* Factor polynomials as required in grade 11.