**7.2 Derivatives of the Sine and Cosine Functions (continued)**

Sketch , 

|  |  |
| --- | --- |
| **Domain** |  |
| ***y*-intercept(s)** |  |
| ***x*-intercept(s)** |  |
| **Symmetry** |  |
| **Equation of slant**  **asymptote(s)** |  |
| **Equation of vertical asymptote(s)** |  |
| **One-sided limits near  vertical asymptote(s)** | |
| **Equation of horizontal asymptote(s)** |  |
| **First Derivative** |  |
| **Intervals of increase** |  |
| **Intervals of decrease** |  |
| **Local maximum / maxima** |  |
| **Local minimum / minima** |  |
| **Second Derivative** |  |
| **Intervals where concave up** |  |
| **Intervals where concave down** |  |
| **Points of inflection** |  |