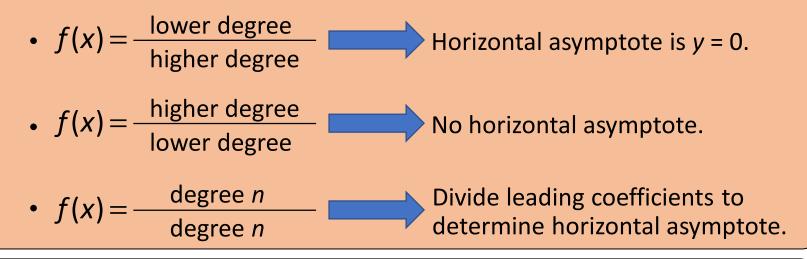
Summary

VERTICAL ASYMPTOTES

• Occur at *x*-values that make the denominator equal zero (but not the numerator).

HORIZONTAL ASYMPTOTES



OBLIQUE ASYMPTOTES

- Occur when the numerator degree is one higher than the denominator degree.
- Divide the polynomials to determine the equation of the oblique asymptote.

HOLES

• Occur at *x*-values that result in both the numerator and denominator being zero.