1) If $f$ is a quotient of polynomials, how can tell whether $f$ has a horizontal asymptote?

2) If $f$ has a horizontal asymptote, what are you required to do to compute it?

3) If $f$ is a quotient of polynomials, how can tell that $f$ does not have a horizontal asymptote?

4) If $f$ does not have a horizontal asymptote, how do you find a $g$ to which $f$ is asymptotic?

5) If $f$ is asymptotic to $g$, what does that look like on a graph? draw an example.

6) What computation do you have to do to show $f$ is asymptotic to $g$?

7) If $f$ is asymptotic to $g$, how do you find $f - g$?