

MATH 1634 The cases when computing the limit $\lim_{x \rightarrow \infty} f(x)$ §2.6

Show your each step accurately.

1. $\frac{\text{polynomial}}{\text{polynomial}} \Rightarrow$ divide the top&bottom by the highest power term (of the denominator)
2. “simple” $\sqrt{*}$ involved \Rightarrow divide the top&bottom by the highest power term (of the denominator)
3. $\sqrt{A} \pm \sqrt{B} \Rightarrow$ conjugate