

LESSON 77

1. Zeros: 0, 4
 y -intercept: 0
End behavior: $f(x) \rightarrow \infty$ as $x \rightarrow -\infty$.
 $f(x) \rightarrow \infty$ as $x \rightarrow \infty$.
Both ends up

2. Zeros: -2, 0, 2
 y -intercept: 0
End behavior: $f(x) \rightarrow \infty$ as $x \rightarrow -\infty$.
 $f(x) \rightarrow -\infty$ as $x \rightarrow \infty$.
Left end up and right end down

3. Zeros: -1, 2, 3
 y -intercept: 6
End behavior: $f(x) \rightarrow -\infty$ as $x \rightarrow -\infty$.
 $f(x) \rightarrow \infty$ as $x \rightarrow \infty$.
Left end down and right end up

4. Zeros: -1, 0, 2, 4
 y -intercept: 0
End behavior: $f(x) \rightarrow -\infty$ as $x \rightarrow -\infty$.
 $f(x) \rightarrow -\infty$ as $x \rightarrow \infty$.
Both ends down