Reflection Questions:

1. Which details of a graph help you construct a polynomial?

2. Which details of a polynomial equation help you construct a graph?

3. Let's say you know that the end behavior of a polynomial is that both directions of x send $f(x)$ to ∞. Is this enough to construct any given polynomial? Explain.

4. How do you identify the multiplicity of roots? When does it get confusing? What does the multiplicity tell us?