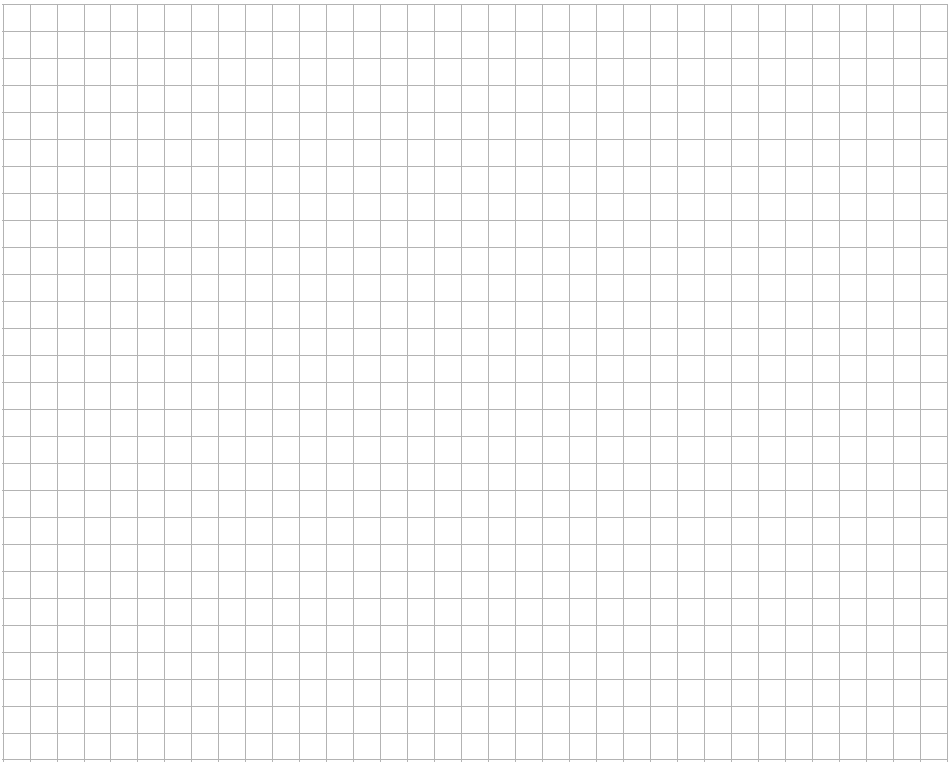
 Sketching polynomials

1. Find the *x*-intercept(s) and *y-*intercept for the following polynomials.
2. Sketch the above graphs on the same number plane below.



1. Describe the changes that occur as each polynomial function increases by one degree.