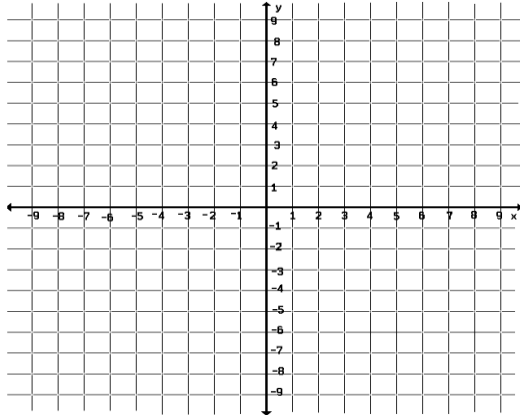


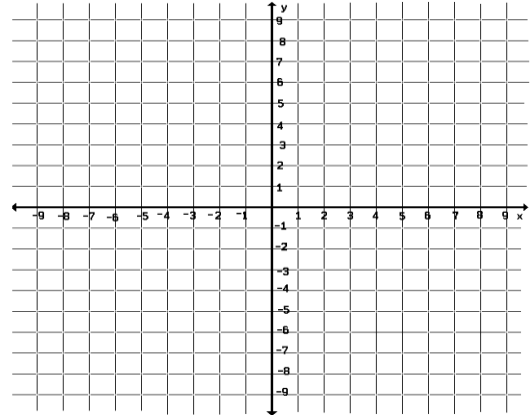
Graphing Polynomials (#27)

Make a rough sketch of each polynomial. Check your answer with a graphing calculator.

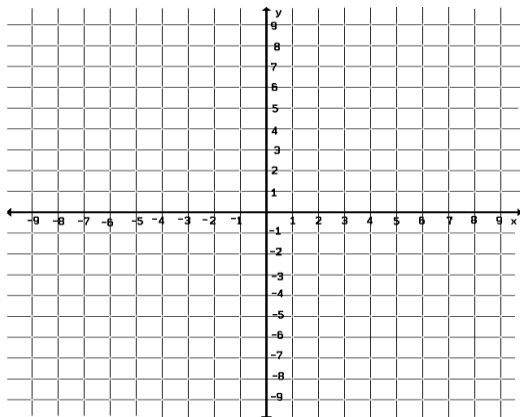
1. $f(x) = x^2 - 3x - 10$



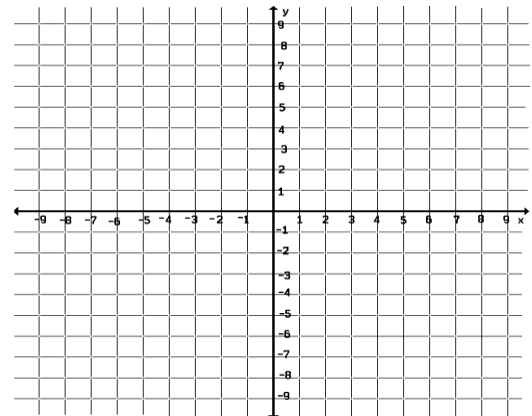
2. $f(x) = -2x^2 + 8$



3. $f(x) = -x^3 + 5x^2 + x - 5$

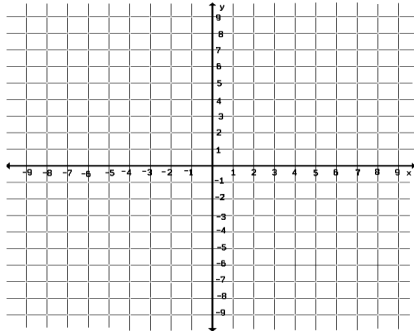


4. $f(x) = x^3 + x^2 - 6x$

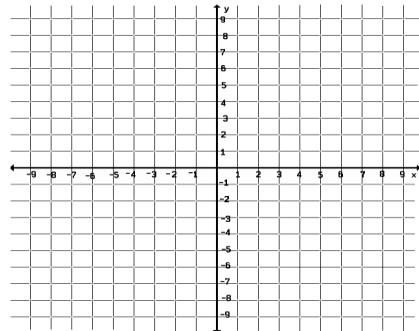


Classify each polynomial by its degree and the number of terms. Then graph.

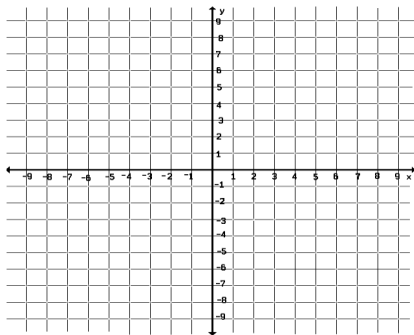
5. $f(x) = x^2 + 6x + 8$



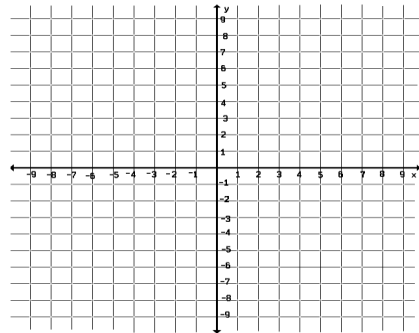
6. $f(x) = -x - 5$



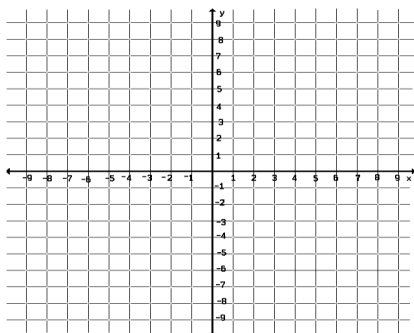
7. $f(x) = -x^4 + 9x^2$



8. $f(x) = x^3 - 4x$



9. $f(x) = -2x^5$



10. $f(x) = x^3 - 3x + 2$

