ALG2
Ch 6
Sec 6.4 p. 330 1, 2, 4, 6

1. $y_1 = x^3 - 4x^2 - 7x$
$y_2 = -10$
$x = -2$
$x = 1$
$x = 5$
$[-10, 10]$ by $[-40, 10]$

2. $y_1 = 3x^3 - 6x^2 - 9x$
$y_2 = 0$
$x = -1$
$x = 0$
$x = 3$
$[-5, 5]$ by $[-30, 10]$

4. $y_1 = 6x^2$
$y_2 = 48x$
$x = 0$
$x = 8$
$[-10, 10]$ by $[-100, 500]$

6. $y_1 = 2x^3 + 5x^2$
$y_2 = 7x$
$x = 0$
$x = 1$
$x = -7/2$
$[-5, 5]$ by $[-50, 50]$

* Windows may vary however, all windows should show pertinent aspects of both graphs at the same time: all x and y intercepts, all points of intersection between the two graphs.