

5.2 Assignment: 7-12 all, 19-25 odds, 27-38 all (use TI84 35-38)+ PS

Find all zeros. Then sketch a "sloppy" graph.

1) $y = (x - 5)(x - 1)^2(x + 3)$

2) $y = -x(x - 6)(x - 1)$

3) $y = (x + 4)^4 \cdot (x - 1)^3$

4) $y = -x^3(x - 3)(x + 5)^2$

5) $y = x(x + 4)(x - 1)^2$

6) $y = (2x + 1)(x - 1)^2 \cdot (x + 4)^2$

7) $y = -x^2(x - 3)(x + 3)$

8) $y = -(x - 2)(x + 2)(x - 7)$

9) $y = -x(3x + 2)(x + 8)^2$

10) $y = -(x - 2)(x + 5)(x - 5)^2$