

ALG 2B

Final Exam Review

Sem 1 Ch 6 (cont)

9. $x=0$

$x=-3$

$x=1$

10. $x=0$, multiplicity 2

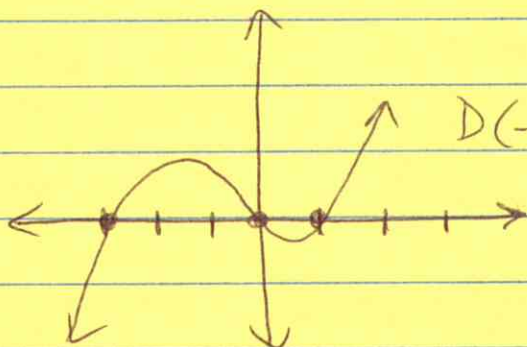
$x=-1$

11. Zeros: $x=0, -3, 1$

EB: $2x^3$

$a=+$

$n=odd$



$D(-\infty, \infty) R(-\infty, \infty)$

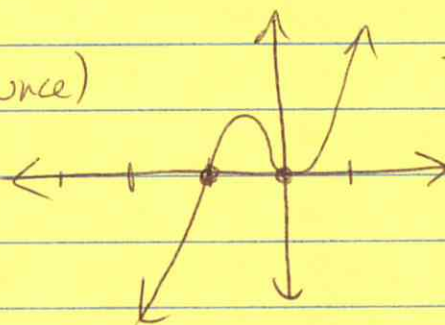
12. Zeros: $x=0, -1$

$\uparrow$ multiplicity 2 (bounce)

EB: x^3

$a=+$

$n=odd$



$D(-\infty, \infty)$

$R(-\infty, \infty)$

13. $y = x^3 - x$

14. $y = x^3 - x^2 - 8x + 12$