

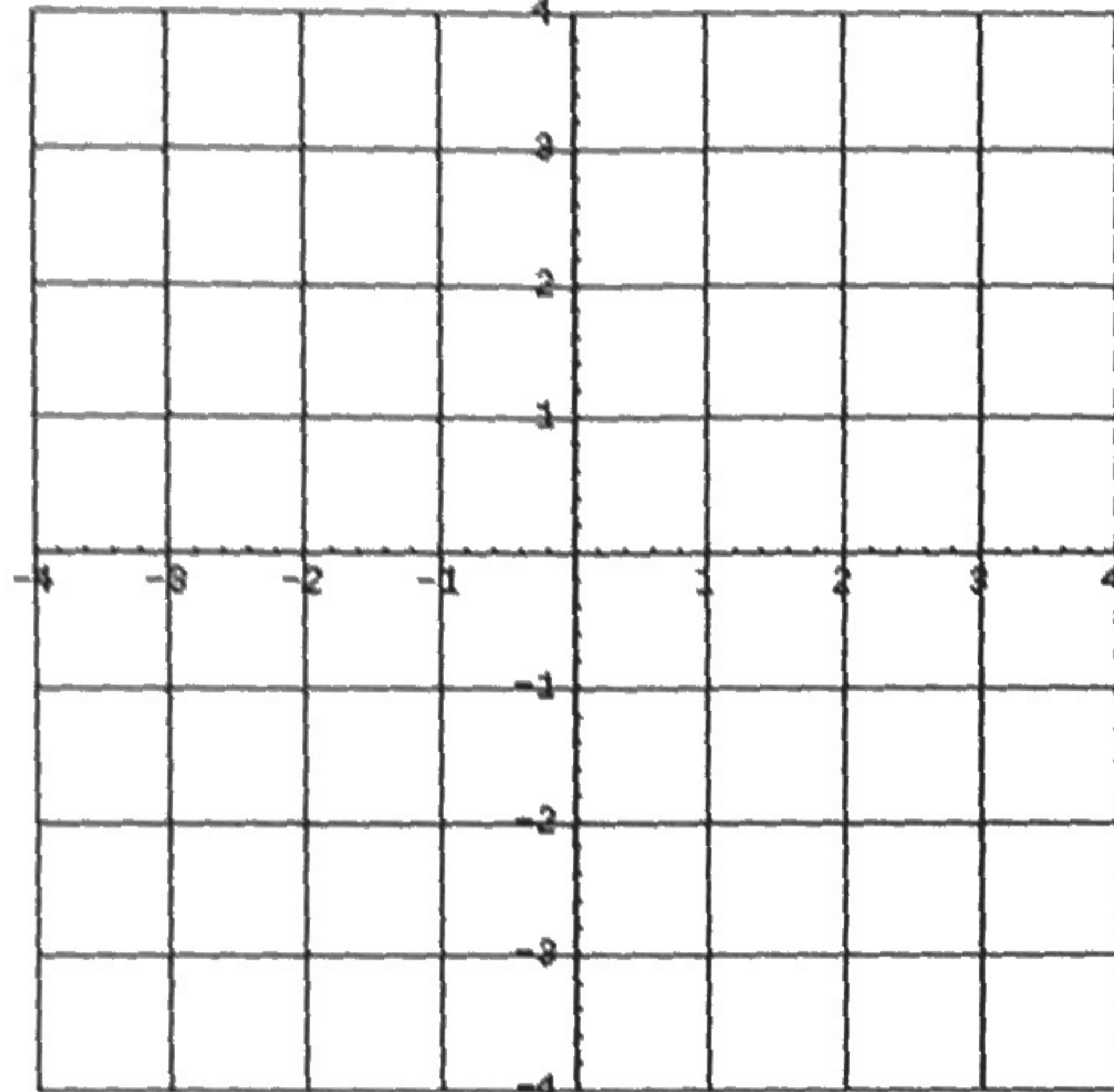
Find the zeros

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

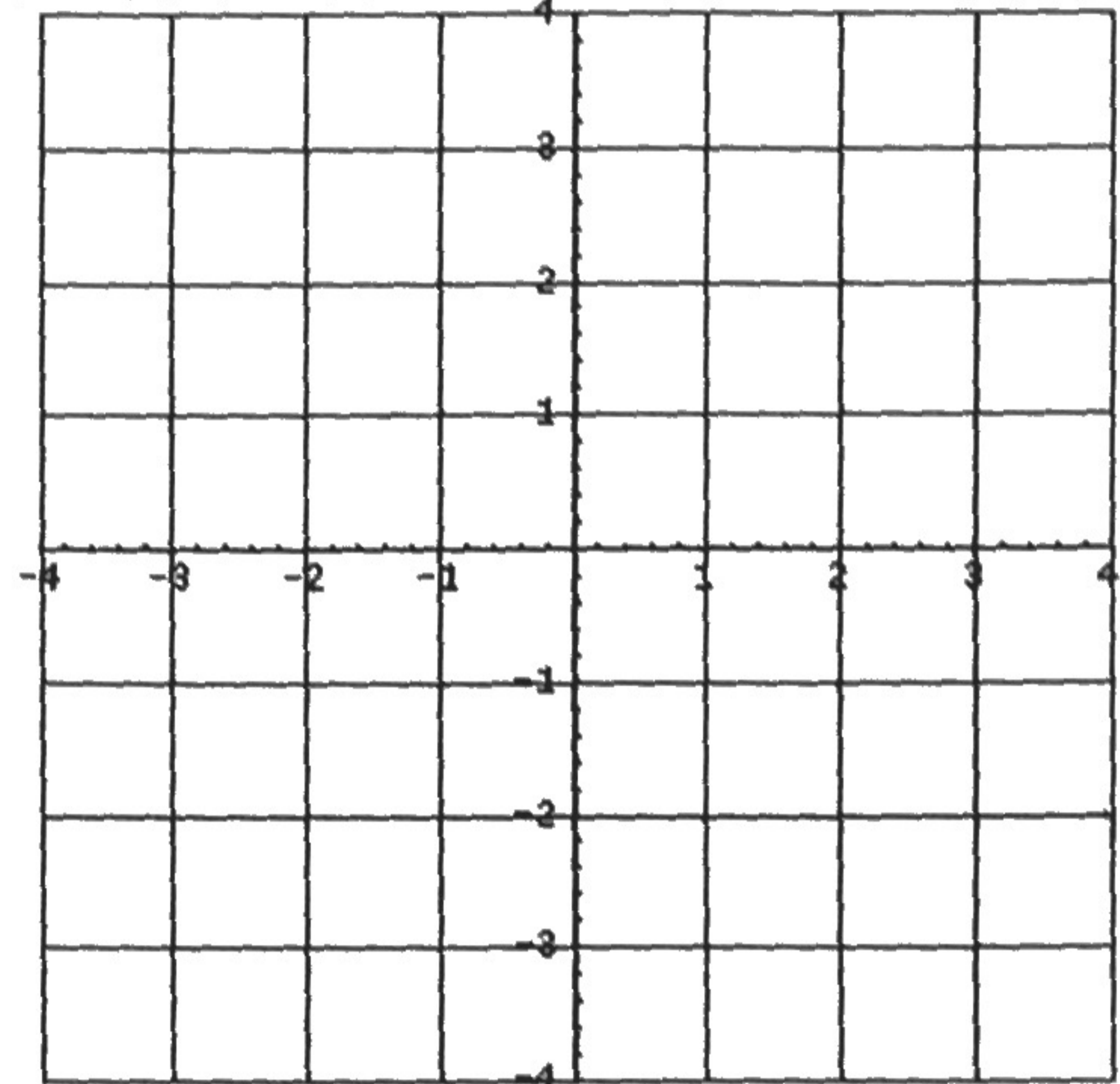
2) $y = -3(x + 2)(-2x + 1)^2$

Make a rough graph of the Polynomial

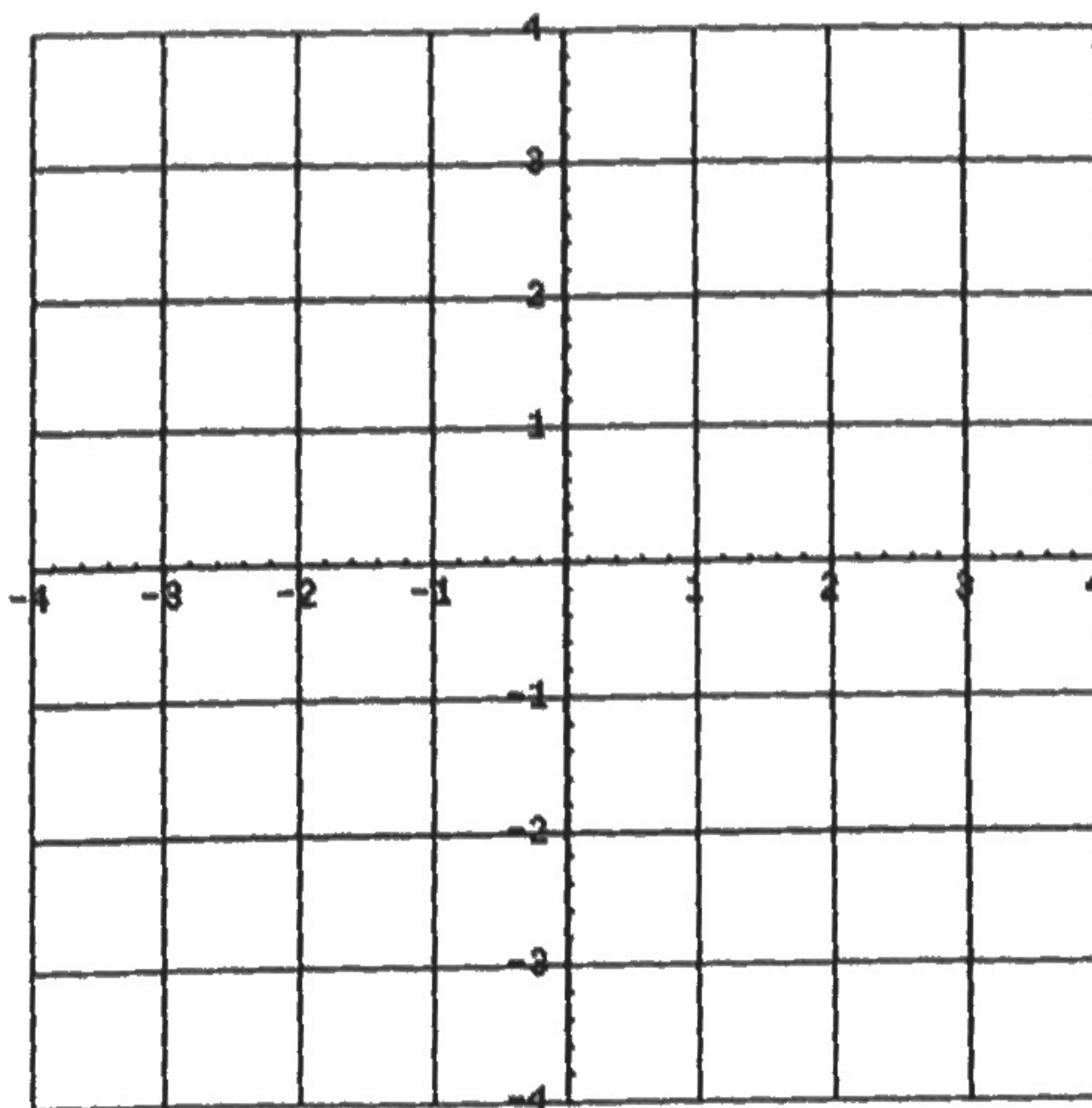
3) $y = -(x + 1)(x + 3)^2(x + 2)$



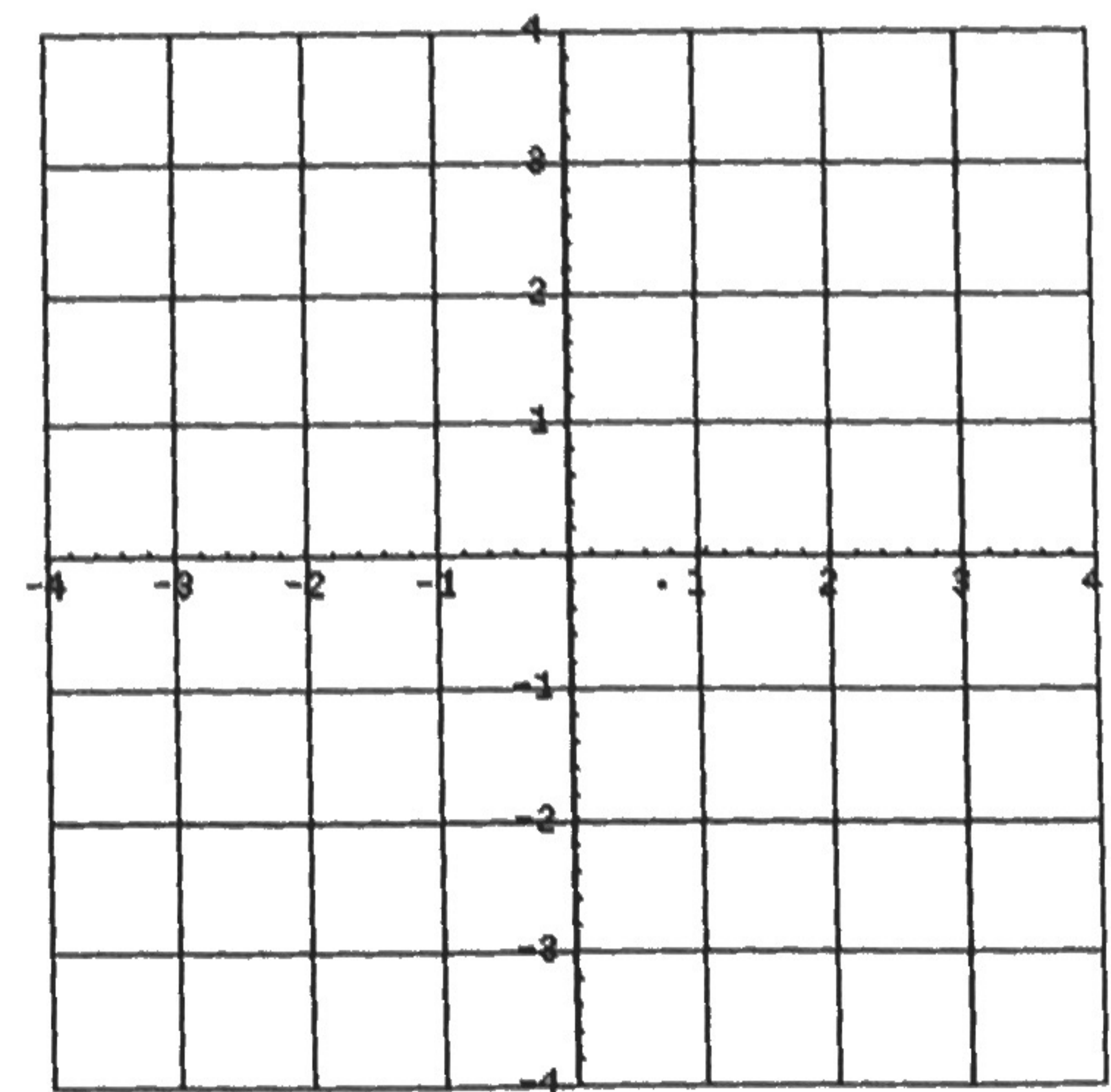
4) $y = (x)^2(x - 2)(x - 1)$



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

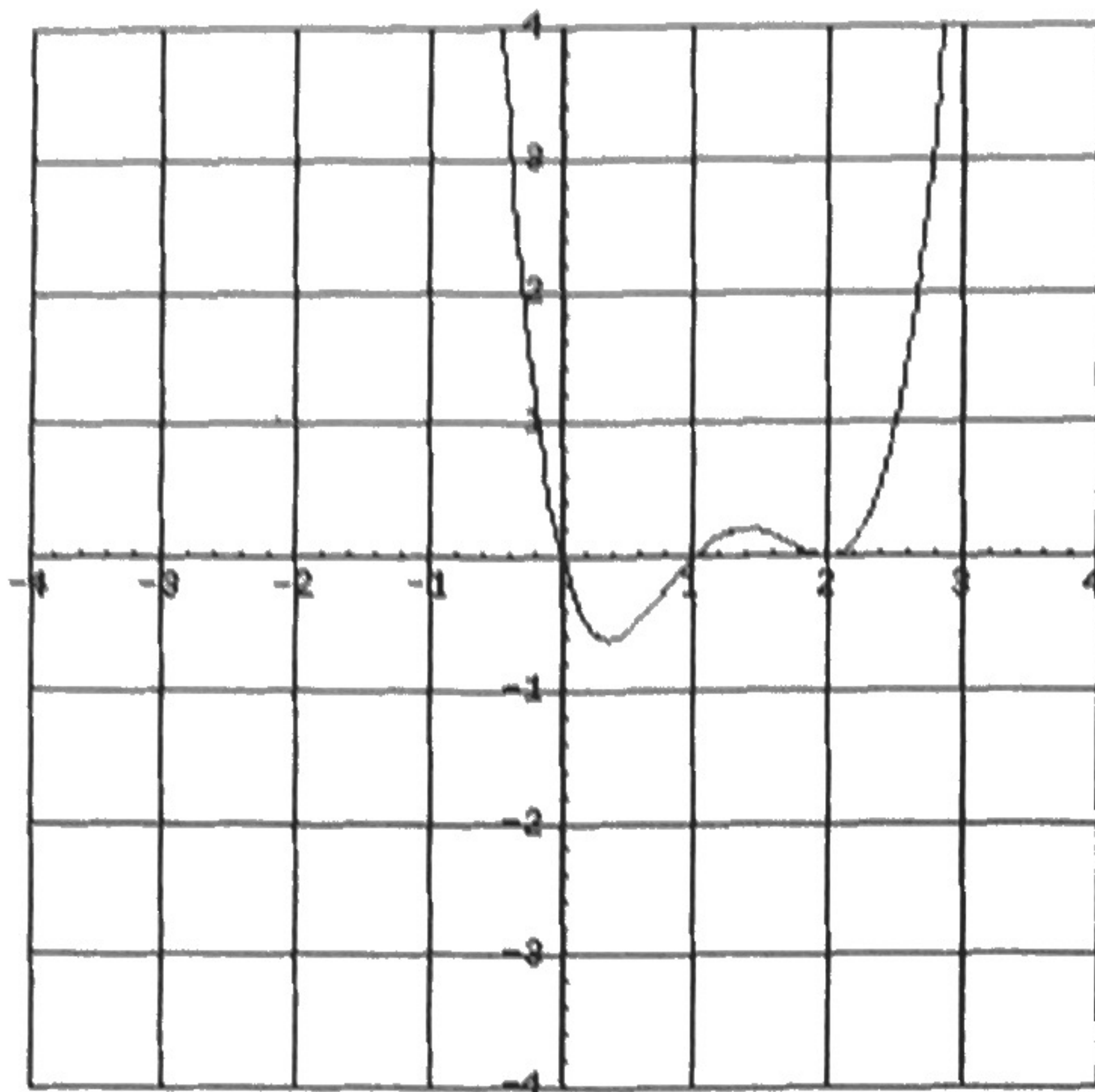


6) $y = (x + 2)(x - 1)(x - 3)$

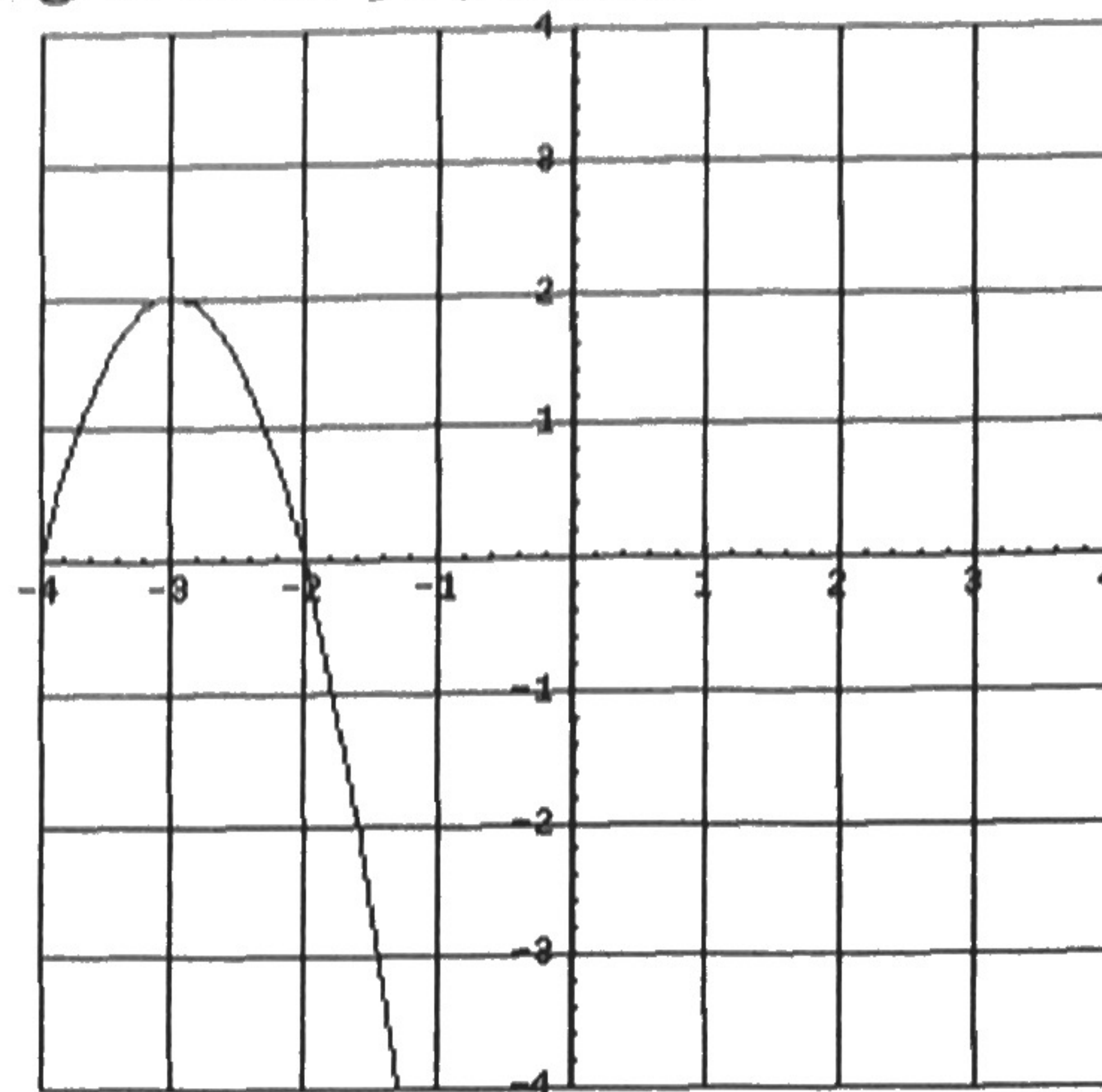


Find the zeros and identify the degree of the polynomial

7)



8)



Find the x-intercepts

9) $y = -4(4x - 1)$

10) $y = -3(3x + 1)(x + 4)^2(4x)^2$

11) $y = -2(x + 1)^2$

12) $y = -3(x - 4)(x + 1)(-2x + 1)$

Write an equation of a polynomial with the zeros listed:

13) Zeros: -5, -5, -2

14) Zeros: -1, -2, -4, 3

15) Zeros: 9, -1, 3, -8

16) Zeros: 2, -10, -3, -1

17) Zeros: -3, -6, -3