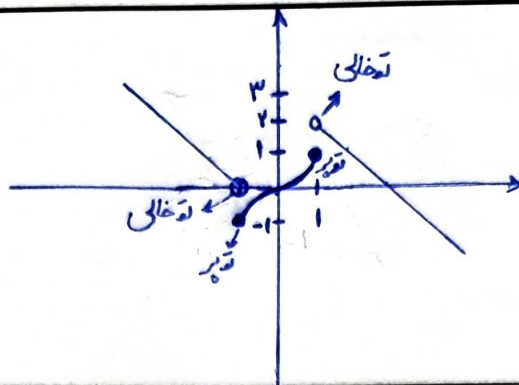
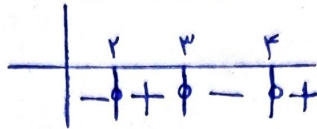


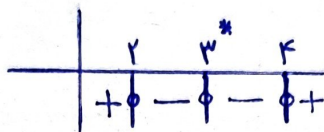


۶

الف) $y = (x-2)(x-3)(x-4)$

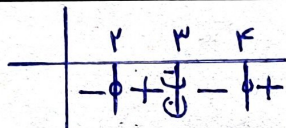


ب) $y = (x-2)(x-3)^2(x-4)$

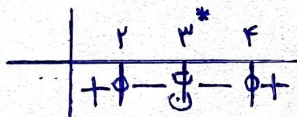


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الف) $y = \frac{(x-2)(x-4)}{x-3}$

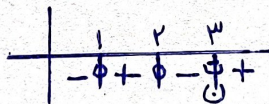


ب) $y = \frac{(x-2)(x-4)}{(x-3)^2}$

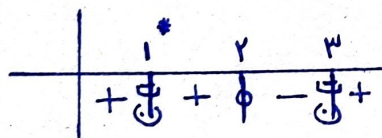


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الف) $y = \frac{x^2 - 3x + 2}{x-3} = \frac{(x-2)(x-1)}{x-3}$

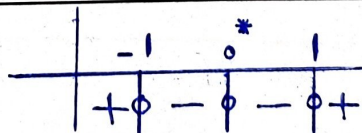


ب) $y = \frac{x^2 - 3x + 2}{x^2 - 4x + 3} = \frac{(x-2)(x-1)}{(x-3)(x-1)}$



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الف) $y = \frac{x^2 - x^2}{x^2 + x + 2} = \frac{x^2(x^2 - 1)}{x^2 + x + 2} = \frac{x^2(x-1)(x+1)}{x^2 + x + 2}$



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ب) $y = \frac{x^2 + 3x + 4}{x^2 + 2x + 3}$

همواره مثبت
است.

ریشه ندارد.

همواره مثبت

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