

# Polynomials

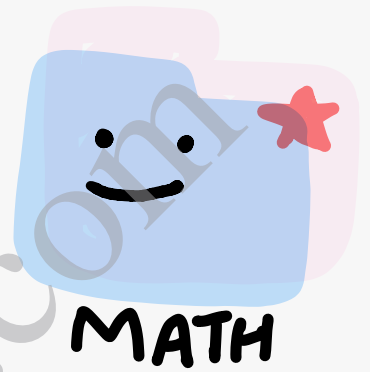
## Ex. 2.1

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### Exc. 2.1

- i) There are no zeroes as the graph does not intersect  $x$ -axis at any point.
- ii) There is one zero as the graph intersects  $x$ -axis at one point.
- iii) There are three zeroes as the graph intersects the  $x$ -axis at three points.
- iv) There are two zeroes as the graph intersects the  $x$ -axis at two points.
- v) There are four zeroes as the graph intersects the  $x$ -axis at four points.
- vi) There are three zeroes as the graph intersects the  $x$ -axis at three points.