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| Topic 12: Solve selected polynomial equations |
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Solve.

1.  $4x^3 - 8x^2 - x + 2 = 0$

2.  $4x^4 - 5x^2 + 1 = 0$

3.  $2x^3 + 16x^2 + 30x = 0$

Answers

1.  $x = 2, \frac{1}{2}, -\frac{1}{2}$

2.  $x = \pm \frac{1}{2}, \pm 1$

3.  $x = 0, -3, -5$