

ALG 2
Ch 6
Sec 6.4

DO NOT WRITE ON THIS
SOLVING PERFECT CUBES + QUADRATIC PATTERNS

Solve each of the following, showing all work. Use your notes, book if needed. You MUST turn this in-completed by the end of the hour.

① $27x^3 - 64 = 0$

② $x^4 - x^2 - 6 = 0$

③ $8x^3 + 64 = 0$

④ $x^4 - 12x^2 + 36 = 0$

⑤ $125x^3 - 216 = 0$

⑥ $x^4 - 34x^2 + 225 = 0$

⑦ $x^3 + 512 = 0$

⑧ $x^4 + 3x^2 + 2 = 0$

⑨ $1000x^3 - 27 = 0$

⑩ $x^4 - 13x^2 - 48 = 0$

DO ON SEPARATE SHEET OF PAPER