

Name:

## **QUIZ - MATH GRADE 11 IB SL**

Find all the solutions of the equations:

1. (15%)  $2x^3 - 7x^2 + 4x + 4 = 0$

5. (15%)  
 $2x^4 + 15x^3 + 42x^2 + 52x + 24 = 0$

2. (15%)  $(x-7)^{10}(x^2 + 4x + 4) = 0$

6. (15%)  $x^4 - 4x^2 + 3 = 0$

3. (10%)  $x^5 + 32 = 0$

4. (15%)  $3x^3 - 5x^2 - 43x - 35 = 0$

7. (15%)  $x^5 - 4x^2 - 2x - 3 = 0$