

**Kerry Ojakian's MTH 28 Class**  
**Class Assignment #8**

Factor.

1.  $x^5 + 4x^3 =$

2.  $75m^3 + 12m =$

3.  $y^2 - 25 =$

4.  $25 - y^2 =$

5.  $15x^4 - 20x^2 =$

6.  $p^2 + 11p + 30 =$

7.  $a^5 + 9a^3 =$

8.  $a^5 - 9a^3 =$

9.  $4x^2 + 40x + 84 =$

10.  $12ab - 6a + 10b - 5 =$

11.  $y^2 - 5y + 6 =$

12.  $2n^2 + 13n - 7 =$

13.  $4x^5y - 32x^2y =$

14.  $7b^2 + 7b - 42 =$

15.  $36q^2 - 100 =$

16.  $36x^2y + 15xy - 6y =$

17.  $-11 - 10x + x^2 =$

18.  $6n - 7 + n^2 =$

19.  $8x^2 - 9x - 3 =$

20.  $16x^2 - 24xy + 9y^2 - 64 =$

21.  $9 + 30x + 25x^2 =$

22.  $49b^2 - 112b + 64 =$

23.  $75x^3 + 12x =$

24.  $x^4 - 81 =$

25.  $3x^4 - 48 =$

26.  $y^6 - 1 =$