

UB SAT 2009  
Homework #8  
Factoring  
*Due: Mon, Mar 9*

Factor completely.

1.  $x^2 - 5x - 24$

2.  $x^2 + x - 12$

3.  $x^2 - 3x - 28$

4.  $2x^2 - 6x - 56$

5.  $x^2 - 6x + 8$

6.  $x^2 + 9x - 22$

7.  $y^2 + 7y + 12$

8.  $2t^2 - 5t + 2$

9.  $3x^2 - 6x + 3$

10.  $2x^2 + 12x - 80$

11.  $3x^2 - 6x - 45$

12.  $x^3 + 6x^2 + 5x$

13.  $2x^3 + 6x^2 + 4x$

14.  $3x^3 + 9x^2 - 54x$

15.  $3x^3 - 6x^2 - 105x$

16.  $7x^2 - 4x - 20$

17.  $8x^2 + x - 9$

18.  $4x^2 + 39x + 56$