

## Factorization Worksheet

1) Factor the polynomial:  
 $4x^2 - 8x + 7x - 14$

2) Factor the polynomial:  
 $1000x^3 - 27$

3) Factor the polynomial:  
 $x^2 + 11x + 30$

4) Factor the polynomial:  
 $2x^2 + 7x - 15$

5) Factor the polynomial:  
 $x^2 - 25 = 0$

6) Factor the polynomial:  
 $2x^3 + 10x^2 = 28x$