Classwork 4
Precalculus MTH 130
Instructor: Abhijit Champanerkar

Name: _____

1. Factor the following polynomials:

(1) $P(x) = x^3 - 3x^2 - 18x$ 　　　　　　　　(2) $P(x) = x^4 + 4x^3 - 12x^2$ 　　　　□

2. Sketch the graph of the polynomial $P(x) = (x+1)(x-1)^2(x-3)$ using end behaviour and roots. 　□