

Classwork 2
Precalculus MTH 130
Instructor: Abhijit Champanerkar

Name: _____

1. Find the domain of the function $f(x) = \sqrt{15 - 2x - x^2}$. □

2. Find the domain of the function $\sqrt{\frac{x+2}{4-x}}$. □

3. Find the vertex (h, k) for the graph $y = x^2 - 4x + 7$ and use it to put the quadratic function in the standard form. Does this function have a maximum or minimum ? Find the value. □