Name_____
 No Calculators. Present neatly. Score_____.

 1. Discuss completely (domain, intercepts, asymptotes, ID behavior, concavity, and inflection
points). Your analysis should conclude with a sketch that is consistent with your discussion.

$$y = \frac{x^2}{x+6}$$

2. Conceptual question: Define the First and Second Derivative Tests.

Your work:

 Name_____
 No Calculators. Present neatly. Score_____.

 1. Discuss completely (domain, intercepts, asymptotes, ID behavior, concavity, and inflection
points). Your analysis should conclude with a sketch that is consistent with your discussion.

$$y = \frac{x^2}{x - 6}$$

2. Conceptual question: Describe the Closed Interval Method.

Your work: