

PreCalculus Honors
Advanced Curve Sketching Group Test
Page 1

Name _____

score _____

Directions: Round at 3 decimal places.
Show all work.

1. Find the extreme points of $y = -x^4 + 4x^3$

2. Find the Points of Inflection of $y = (x^2 - 7)e^x$.

3. Make a Key Trait Table (without the y -signs) for $y = \frac{8x}{x^2 + 4}$ on $x \in [-4, 3]$.

4. Sketch $y = -\sqrt{x^3 - 7x + 6}$, labeling all the Key Traits.

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