Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class \_\_\_\_\_\_\_\_\_\_

Derivative Applications Vocabulary

|  |  |  |
| --- | --- | --- |
| Word | Definition/Symbol/Formula | Graph/Picture/Example |
| local/relative extrema |  |  |
| global/absolute extrema |  |  |
| critical point |  |  |
| stationary point |  |  |
| increasing |  |  |
| decreasing |  |  |
| concave up |  |  |
| concave down |  |  |
| point of inflection |  |  |
| differentiable |  |  |

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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|  |  |  |
| --- | --- | --- |
| Word | Definition/Symbol/Formula | Graph/Picture/Example |
| intermediate value theorem |  |  |
| Rolle’s Theorem |  |  |
| mean value theorem for derivatives |  |  |
| cusp |  |  |
| first derivative test |  |  |
| concavity test |  |  |
| linearization |  |  |
| differential |  |  |
| Newton’s method |  |  |
| related rates |  |  |

|  |  |  |
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