**MTH 127 FINAL EXAM RESULTS**

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| **Skill / Math Topic** | **I *know* how to do this.** | **I *have some idea* how to do this but *need more practice*.** | **I *do not know* how to do this.** |
| Calculate derivatives using the product rule. | Actual: 7 = 35% | Actual: 5 = 25% | Actual: 8 = 40% |
| Calculate derivatives using the quotient rule. | Actual: 9 = 45% | Actual: 5 = 25% | Actual: 6 = 30% |
| Calculate derivatives using the chain rule. | Actual: 13 = 65% | Actual: 5 = 25% | Actual: 2 = 10% |
| Calculate derivatives using logarithmic differentiation. | Actual: 8 = 40% | Actual: 6 = 30% | Actual: 6 = 30% |
| Calculate partial derivatives. | Actual: 11 = 55% | Actual: 4 = 20% | Actual: 5 = 25% |
| Integrate functions. | Actual: 3 = 15% | Actual: 10 = 50% | Actual: 7 = 35% |
| Calculate definite integrals by applying the Fundamental Theorem of Calculus. | Actual: 11 = 55% | Actual: 5 = 25% | Actual: 4 = 20% |
| Evaluate multi-variable functions. | Actual: 20 = 100% | Actual: 0 = 0% | Actual: 0 = 0% |
| Determine whether a function is continuous at a specified value of *x*. | Actual: 7 = 35% | Actual: 5 = 25% | Actual: 8 = 40% |
| Solve logarithmic equations. | Actual: 14 = 70% | Actual: 3 = 15% | Actual: 3 = 15% |
| Solve exponential equations. | Actual: 20 = 100% | Actual: 0 = 0% | Actual: 0 = 0% |
| Solve quadratic equations. | Actual: 15 = 75% | Actual: 0 = 0% | Actual: 5 = 25% |
| Solve elasticity of demand problems. | Actual: 10 = 50% | Actual: 4 = 20% | Actual: 6 = 30% |
| Solve related rates problems. | Actual: 7 = 35% | Actual: 2 = 10% | Actual: 11 = 55% |
| Solve marginal cost problems. | Actual: 14 = 70% | Actual: 6 = 30% | Actual: 0 = 0% |
| Solve optimization problems. | Actual: 1 = 50% | Actual: 0 = 0% | Actual: 1 = 50% |
| Solve compound interest problems. | Actual:9 = 50%7 = 50% | Actual:5 = 28%2 = 14% | Actual:4 = 22%5 = 36% |
| Determine the derivative of a function by using limits and difference quotients. | Actual: 0 = 0% | Actual: 0 = 0% | Actual: 9 = 100% |