

## Midterm 2 Formulas

**Students are responsible** for the following formulas:

- Change of a logarithmic base
- Compound interest and continuous compounding
- Exponential growth and exponential decay models
- Length of a circular arc, and area of a sector
- Angular and linear speed
- Amplitude, phase shift, period, and an interval on which to graph one complete period of trigonometric functions (excluding secant and cosecant functions)
- Trigonometric identities