

## Some Useful Formulas

$$S = P(1 + r)^n$$

$$S = Pe^{rt}$$

$$P = S(1 + r)^{-n}$$

$$P = Se^{-rt}$$

$$r_e = \left(1 + \frac{r}{n}\right)^n - 1$$

$$r_e = e^r - 1$$