Finance FormulasRevised 8/19

$F=P+I$ $I=F-P$

$F=P\left(1+rt\right)$ $I=Prt$

$F=P\left(1+\frac{r}{n}\right)^{\left(nt\right)}$ $APY=\left(1+\frac{r}{n}\right)^{n}-1$

$F=Pe^{\left(rt\right)}$ $APY=e^{r}-1$

$F\_{payment}= \frac{Pp\left(1+p\right)^{T}}{\left(\left(1+p\right)^{T}-1\right)} $ $p=\frac{r}{n}$ $T=nt$