COMPOUND INTEREST

Fare (annual) > decime

A = P (1 +
$$\frac{r}{r}$$
) nt

y=a(b)t

Ex you deposit \$4000 in an account that pays 2.92% annual interest. Find the balance vif the interest if compounded:

$$n=4$$
 $P=4000$ $r=0.0292$

$$A = 4000 \left(1 + 0.0292 \right)^{4(1)}$$

aily
$$n = 365 \qquad A = 400 \left(1 + \frac{0.0292}{365}\right)^{365} = 4118.52$$