

Dashboard

Courses $\mathcal{L}_{\mathcal{R}}$

Groups Calendar

Inbox History

?

Help

Second Semester SY 2020-2...

Home

Modules

Conferences

Announcements Grades

Office 365

Chat

T.I.P. Manila Library **Video Presentation**

[SHS ONLY] Senior **Highschool Teachers** Online Class Performance Evaluation (Manila: Part 5)[Required]

Student Perception on Limited F2F Survey (Required)

3.2 Ordinary Annuity



ANNUITY

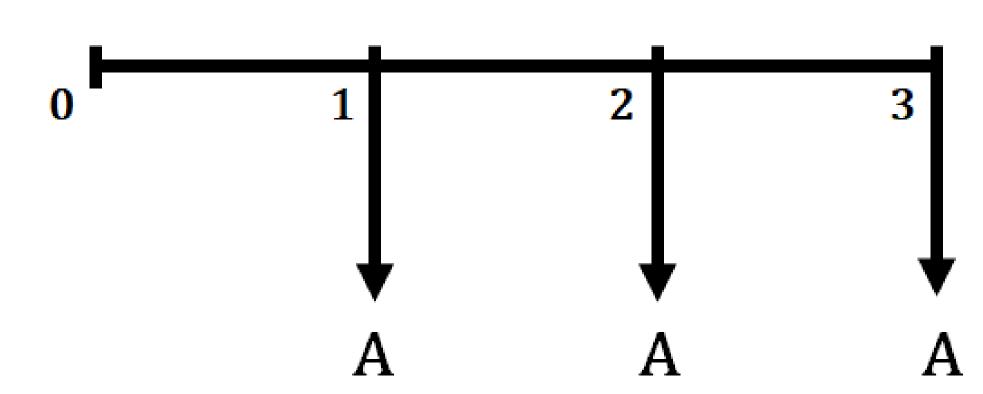
Intended Learning Outcome

At the end of the lesson, the student shall be able to:

1. Apply formulas/equations in ordinary annuity to solve word problems.

ORDINARY ANNUITY

- A type of annuity where the first payment is made at the end of the first period and all payments thereafter are made at the end of each corresponding period.
- Compound interest is paid on all amounts in the annuity.

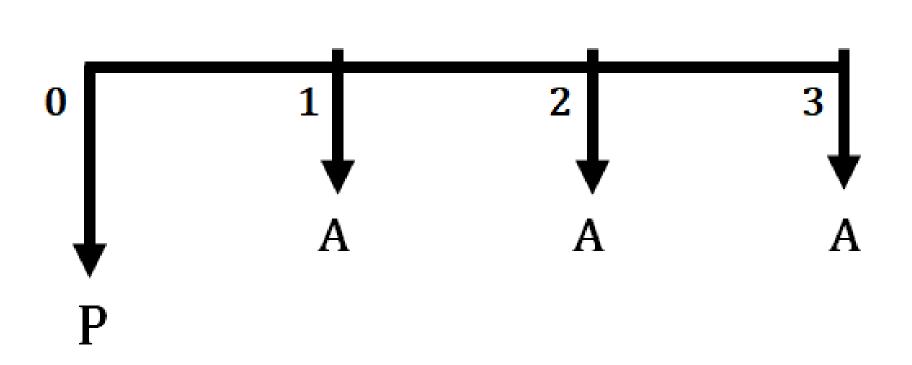


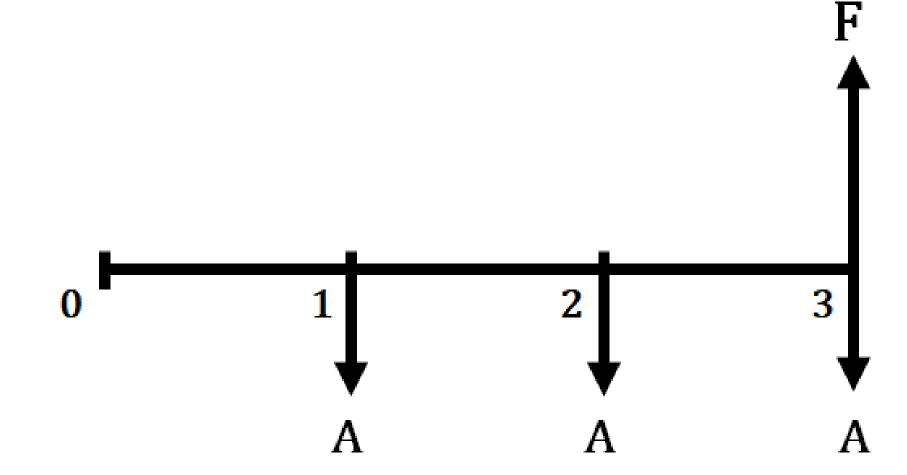
Cash Flow Diagram for a 3-Year Ordinary Annuity

PRESENT WORTH OF ORDINARY ANNUITY

FUTURE WORTH OF ORDINARY ANNUITY

[(1)) Immersive Reader





 $F=A\left\lceilrac{(1+i)^n-1}{i}
ight
ceil$

$$P=A\left[rac{(1+i)^n-1}{i(1+i)^n}
ight]
onumber \ P=A\left[rac{1-(1+i)^{-n}}{i}
ight]$$

Reference: Engineering Economics by Hipolito Sta. Maria



Proprietary Clause

Property of the Technological Institute of the Philippines (T.I.P.). No part of the materials made and uploaded in this learning management system by T.I.P. may be copied, photographed, printed, reproduced, shared, transmitted, translated or reduced to any electronic medium or machine-readable form, in whole or in part, without prior consent of T.I.P.