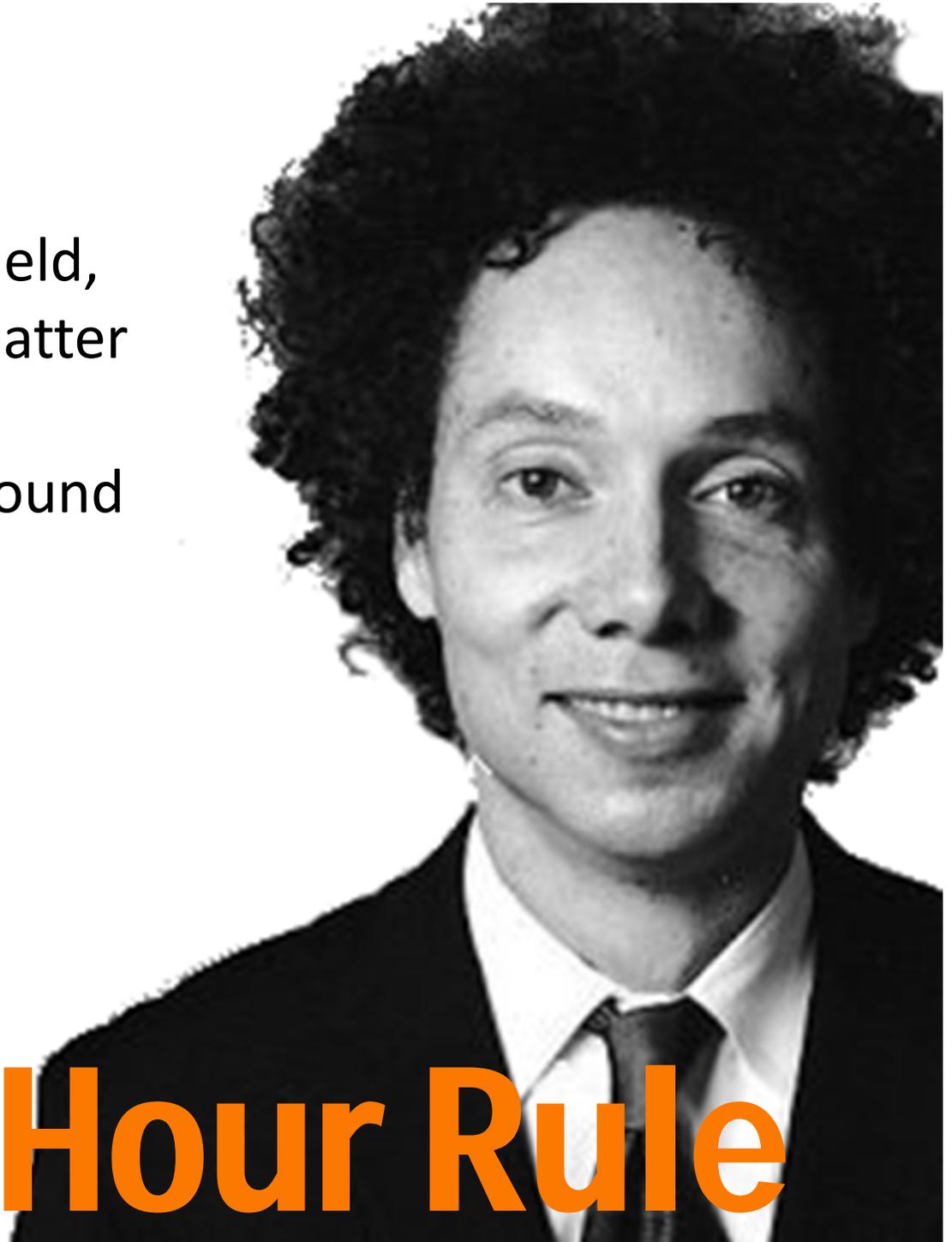


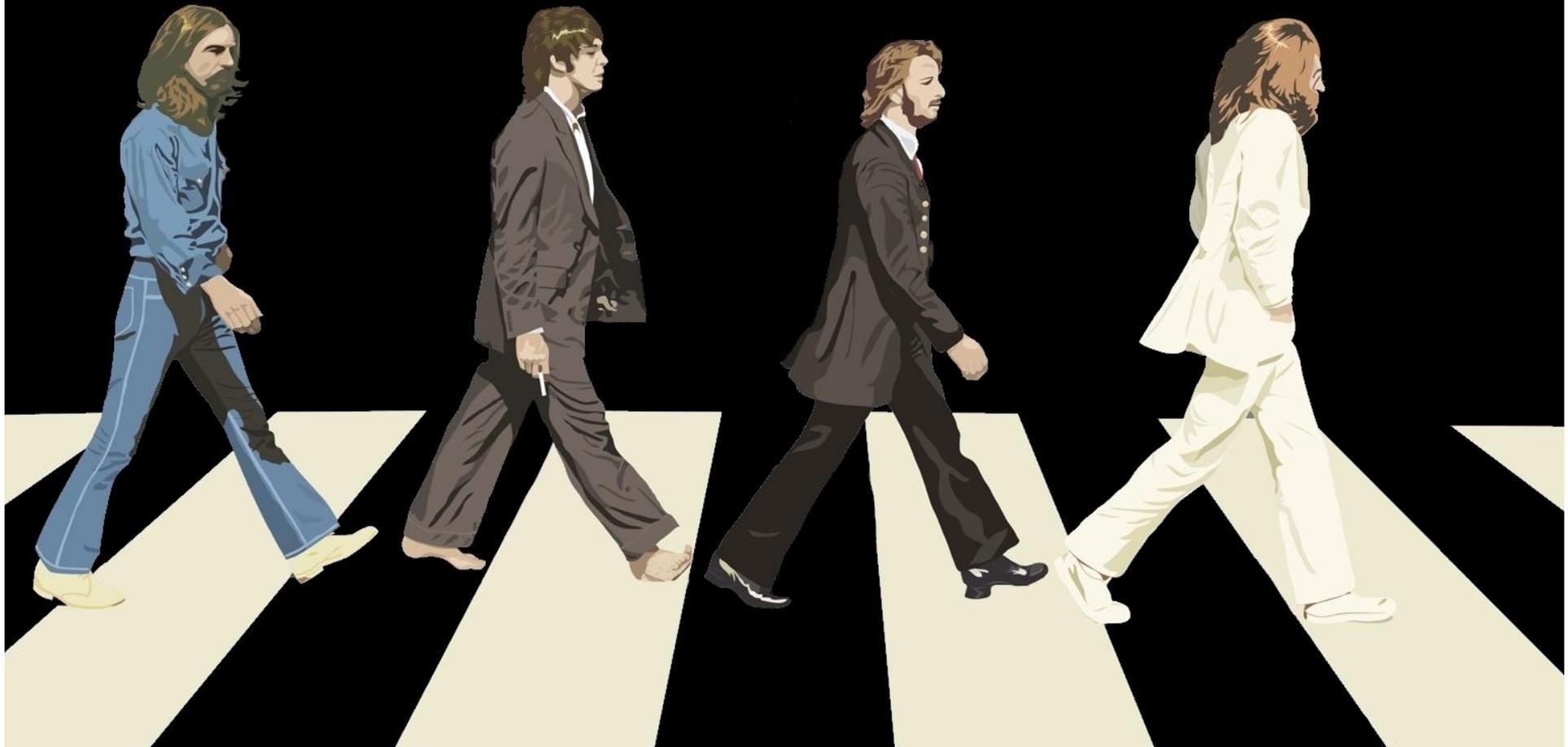
Key to mastery in any field,
to a large extent, is a matter
of practicing a specific
activity for a total of around
10,000 hours.



10,000-Hour Rule

1,200 times 1960 - 1964

10,000 hours





Age 13

10,000 hours of programming

**10,000 HOURS
OF
MATHEMATICS**

Mastery Requires Enormous Time

10,000 Hours

20 hours every week for 10 years

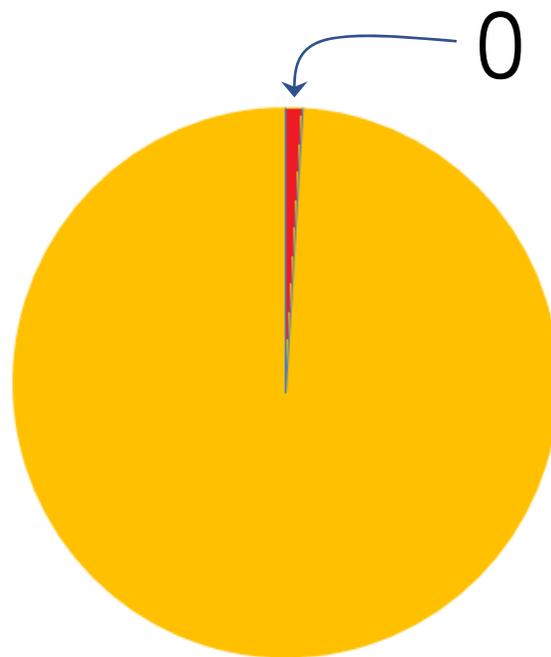


K-12

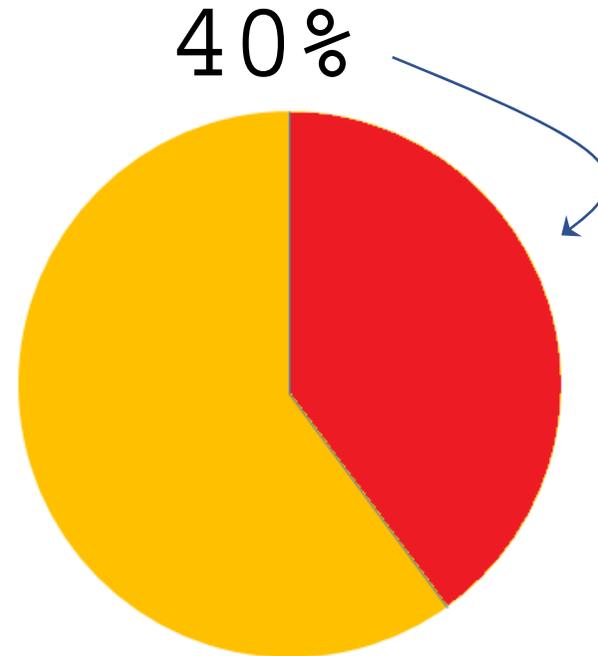
20 hours every week for 10 years



K-12



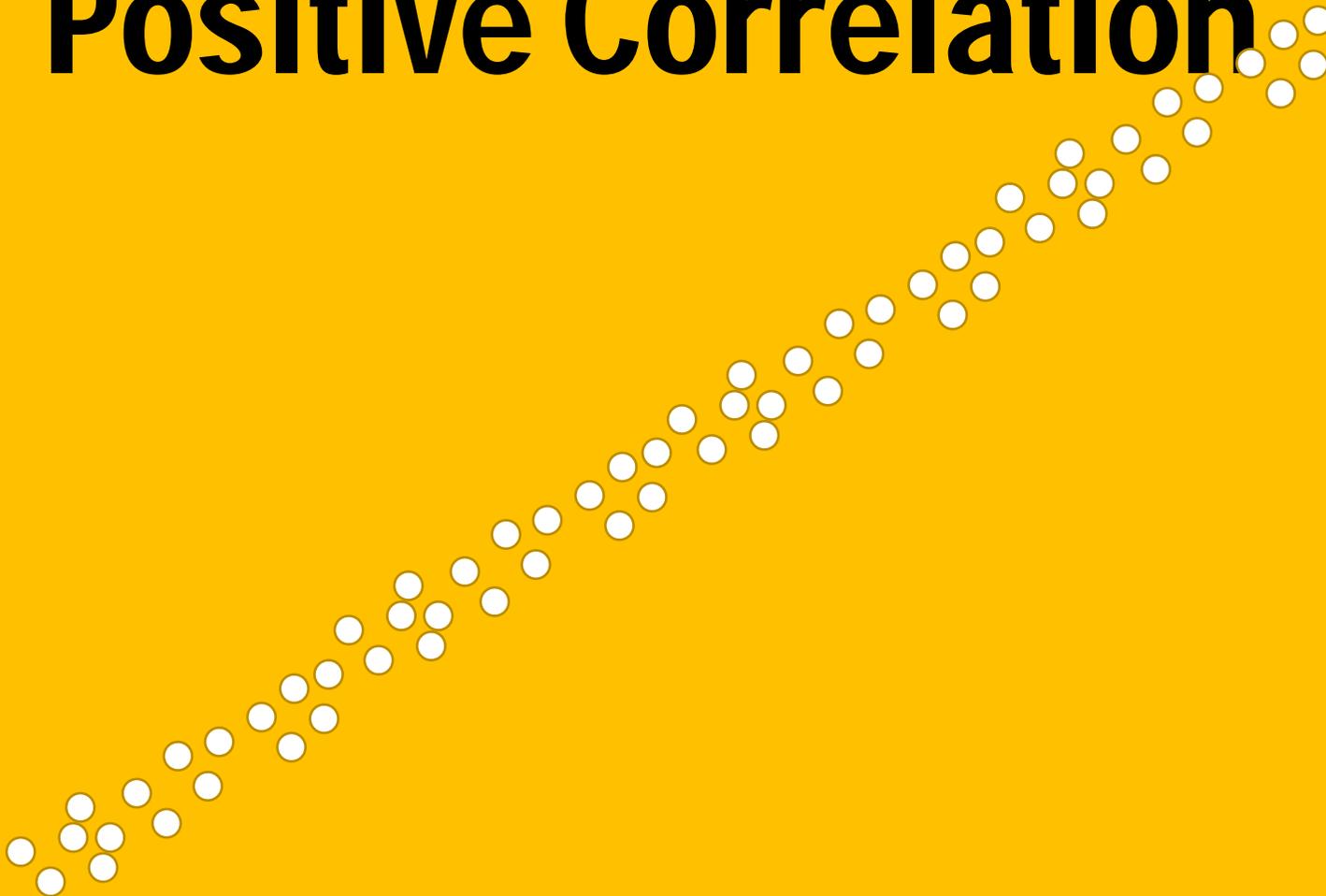
**Specialize in
Mathematics**



**Professional Users of
Mathematics**

Positive Correlation

Success



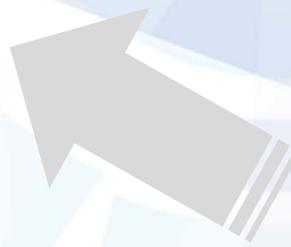
Time Spent in Educationally Rich Environments



ASSESSMENT FOR LEARNING



BLENDED MASTERY-BASED LEARNING



**MATH FOR
BUSINESS &
FINANCE**

**MATH FOR
PRE-TECH &
PRE-HEALTH**

**MATH FOR
PRE-BUSINESS,
TOURISM & HOSPITALITY**

**MATH FOR
HEALTH SCIENCE**

**MATH FOR
TECHNOLOGY**

**MATH
DIAGNOSTIC
&
UPGRADING**

**STATS FOR
HEALTH SCIENCE**

**STATS FOR
BUSINESS**

ASSESSMENT FOR LEARNING



PERSONALIZED LEARNING ENVIRONMENT

Bob is 117cm and Julie is 162cm.
How much taller is Julie than Bob?

Select the correct picture.

Replay Submit

$$\begin{aligned} \text{Pront} &= 2 \cdot C - 20 \\ &= 2 \cdot 18 - 20 \\ &= 16 \end{aligned}$$



MINISTÈRE DE L'ÉDUCATION NATIONALE

Démembrer une collection.

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MINISTÈRE DE L'ÉDUCATION NATIONALE

Choisir une image pour illustrer une phrase entendue.

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OFFLINE ENVIRONMENT



INTERNATIONAL RECOGNITION



GOLD
BEST ADVANCE IN
CUSTOM CONTENT

For raising attainment
in mathematics



GOLD
BEST ADVANCE IN
COMPETENCIES AND
SKILLS DEVELOPMENT

For raising the level of
numeracy and student success

INTERNATIONAL
EDUCATIONAL
GAMES COMPETITION

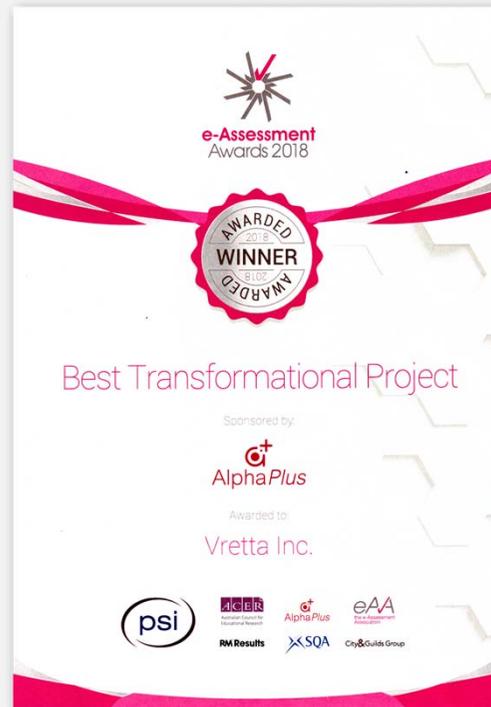


WINNER
APP BASED GAMES

INTERNATIONAL RECOGNITION



WINNER
BEST USE OF FORMATIVE
ASSESSMENT



WINNER
BEST TRANSFORMATIONAL
PROJECT



HIGHLY COMMENDED
BEST USE OF SUMMATIVE
ASSESSMENT



INTERNATIONAL RECOGNITION



WINNER
BEST USE OF FORMATIVE
ASSESSMENT



**10,000 HOURS
OF
MATHEMATICS**

RICH ENVIRONMENT





Vretta

AFFORDABLE + FLEXIBLE + ENGAGING
= HAPPY (STUDENTS + TEACHERS)





CONTENT LICENSES

Distribute, Tweak, & Build upon Work,
even Commercially.

Attribution

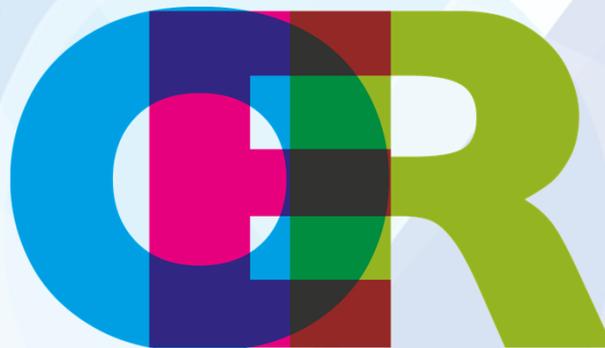
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Attribution-NoDerivs

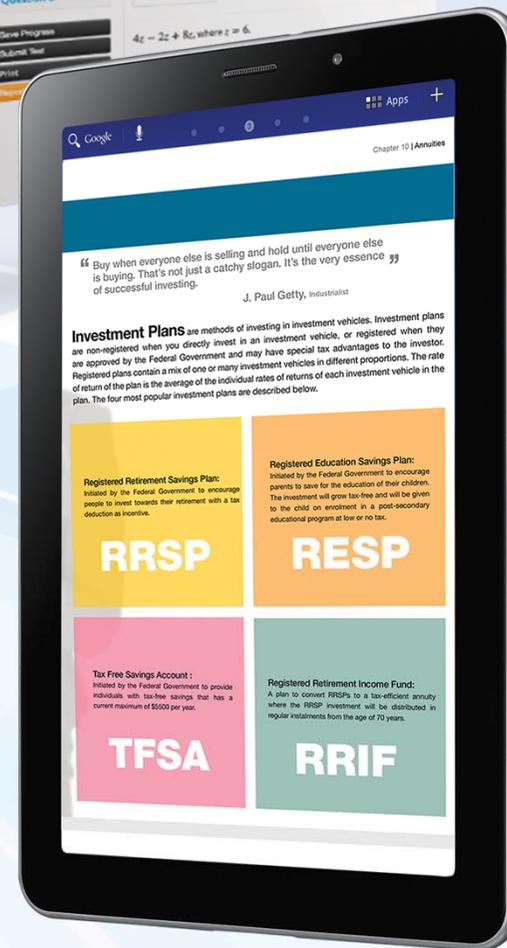
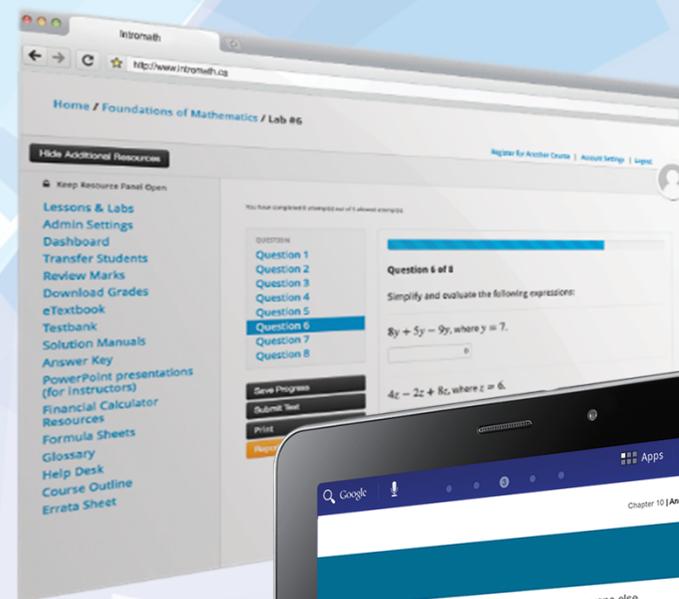
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Attribution-NonCommercial-NoDerivs



OPEN EDUCATIONAL RESOURCES



He will be saving \$500 at the end of every month for the next 2 years in an account earning 3% compounded monthly. Solve this problem using your Financial Calculator

$$FV = PMT \left[\frac{(1 + i)^n - 1}{i} \right]$$

Future Value = \$

Round your final answer to two decimal places.

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Elementary
**Alg-
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Intermediate
**Alg-
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**Alg-
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and **Trig-
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**Pre-
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**Calc-
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Volume 1

**Calc-
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Volume 2

**Calc-
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Volume 3

Introductory
**Stat-
istics**

Introductory Business
**Stat-
istics**



FLIP+ PARTNERSHIP

10 years

TECHNOLOGY ENHANCED ITEMS

SHARING KNOWLEDGE AND EXPERIENCES

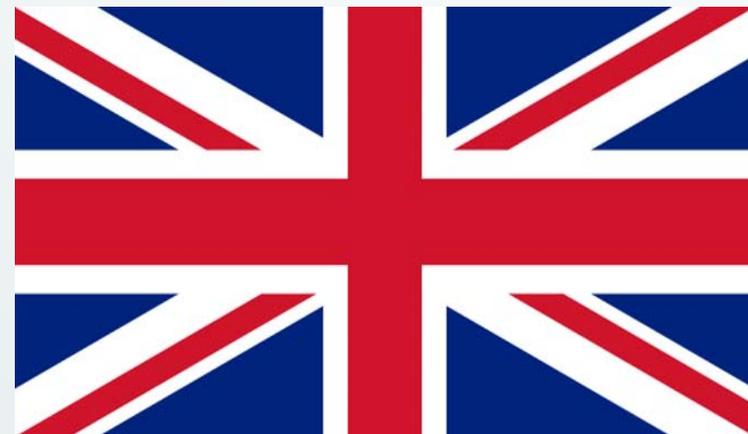
SHARING DEVELOPMENT COSTS AND CONTENT

COLLEGES
UNIVERSITIES
EXAMINATION BODIES
RESEARCH INSTITUTIONS
MINISTRIES OF EDUCATION
TRAINING CENTRES

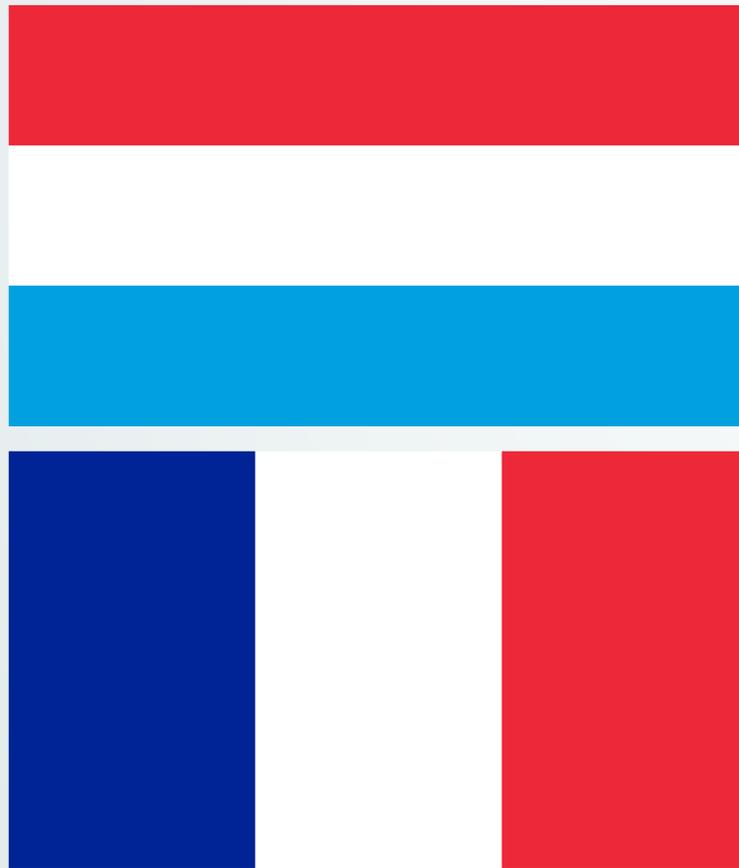
SHARING KNOWLEDGE AND EXPERIENCES



SHARING DEVELOPMENT COSTS AND CONTENT



EXCHANGE



YOU'RE INVITED

LEARN MORE ABOUT
WHAT WE DO

SEE HOW WE CAN
COLLABORATE
AND SHARE



**10,000 HOURS
OF
MATHEMATICS**

RICH ENVIRONMENT

Grazie Mille