December 5, 2025 National Sachertorte Day

Today in History:

California Gold Rush Starts (1848)

Prohibition Ends (1933)

Number of the Day: 436

 $436 = 2 \times 2 \times 109$

436 is the smallest number whose cube (82881856) contains four 8s.

Fun Fact:

Pentheraphobia is a fear of a mother-in-law.

Quote of the Day:

"In crucial things, unity. In important things, diversity. In all things, generosity."

- George H. W. Bush

Today's Weather:

Sun and clouds mixed. High 29°.

Math 121 - Quiz #50

Pick up Blue Book.

MATHIA) FINAL FALL 2025

20 - 10 POINT QUESTIONS - 200 POINTS

- 1) PRE-CALC
- 6) Implicit
- 1) GRAPHING (6) AREA NOTE VALUE

- PRE -CALC
- 7) RELATED RATES
- 12) INTESPAZS (7) YOLOME SLICE

- 3) DERIVATIVES
- 8) APPLIED MAX/MIN
- 13) INTEGRALS (2) 18) VOLUME SHELLS

- 4) DERIVATIVES
- 14) FTC I OIG) 19) WORK

- 9) L'HOSPITAZ'S 10) NUMBRICAL
- 12) SUBSTIMMONIA) 20) T/E

5) DERIVATIVES

PRE-CALC

INEQ

ABS. VALUE

TRIG

LOGS

EXPONENTIALS

DERIVATIVES

DEF.

SUM/POWER PROD/QUOT-

CHAIN

FUNCT.

TRIG

DNX

INV TRIG

HYPER-

IMPLICIT.

L'HOSPITAL'S RULE 0" 00" "00-00"

10.00°

GRAPHING

Dom

RANGE

メーリルブ

Y-1NT

INC/DEC/C.P

CON UP/CON DN/IP

V.A. / N.A.

NUMBRICAL STUFF

NEWTON'S METHOD MUT / ROLLE'S THM LINEAR APPOX

INTEGRALS

DEF.

INDEF.