clasa alla Coloulati: A-(ab + ababab + ababab + abababab + ... + ababa... Anota co A ste natural 100 de 1 1000a+100b Polneau Odary Potrau Miner abab = ab 100 + ab = ab (100+1) = ab . 101 = ab ababat = ab · 10+ ab · 10+ ab = ab (10+ 10+1) = ab ababab... at _ ab. 10 + ab. 10 + ... + ab 10 99 + 10 + ... + 10 +1 101010--- 101 A = ab + ab + ... + ab = 100 ab (b) $\frac{A}{1000a+10ab} = \frac{1000b}{1000(10a+b)} = \frac{100a+b}{100a+b} = 100(10a+b)$

100 - 100 -

(2) A = 2020 - 2019.2020 - 2019.2020 7... = 2049.2020 B = 1+2 +3 + ... + 1+2+...+200 Sa & colculis (B+2) 2020

Sa & colculis (B+2) Policies Odanic. Policie Mine A=20209/2020-2019)-2019.2020-..-2019.2020-2019.2020 = 2020 - 2019 - 2020 - ... - 2019 · 2020 - 2019 · 2020 - $= 2020^{98} (200 - 2019) - - 2019 \cdot 2020^{2} - 2019 \cdot 2020 = 2019 \cdot 20$ = 2020-2019.2020 = 2020 (2020-2019) = 2020 B= 1+2+ 1+2+3+...+ 1 1+2+3+...+2049 = 1 2.3 + 3.4 +...+ 2049.2020 = 2 + 2 + ... + 200.2020 = 2. [2.3 + 3.4 + ... + 2019.2020] = 2 (3-2 + 4-3 + ... + 2020 -2019) -2 (1 - 1 + 1 - 1 - 1 - 2019 2020) $=2\left(\frac{1010}{2} - \frac{1}{2020}\right) = 2\left(\frac{1010}{2020} - \frac{1}{2020}\right) = \frac{2 \cdot 1009}{2020} = \frac{1009}{2020} = \frac{1009}{1010}$ $3 + \frac{2}{4} = \frac{1009}{1010} + \frac{2}{2020} = \frac{1009}{1010} + \frac{1}{1010} = \frac{1010}{1010} = 1$ daW-

(3) Se unider unglied alungit AOB, CID, E, T puints in accordo ordine de accesi parte fole de desptr AO (de lo stonga que despte). [OC este bisabres 4 AOD, (DE - este binationes of DOF, (OF este bisabres unglied DB. Dace £m (1604), L(ML DOE) of mente direct propulsable un 5 in Jan or oft mente unglied AOE, BOF Potrea Odanic. Potrea

 $\begin{array}{c} A \\ \text{Loc} -b \text{is} \neq A00) =) \text{ m.l.} (A00) = \text{l.l.} (C00) \stackrel{\text{l.l.}}{=} \times \\ \text{Loe bis} \neq D0f =) \text{ m.l.} (D0E) = \text{l.l.} (E0F) = y \\ \text{LoF-bl} \neq D0D =) \text{ m.l.} (D0F) = \text{l.l.} (F0B) = 2y \\ \text{Lof-bl} \neq D0D =) \text{ m.l.} (D0F) = \text{l.l.} (F0B) = |8| \end{array}$

m(40C) + w(cod) + w(20E) + w(E0F) + w(FOB) = 180x + x + y + y + 2y = 186

2x + 4y = 180x + 2y = 50

 $5k+2\cdot2k=90$ k=10 $y=5\cdot10=50$ $y=2\cdot10=20$

u(10E) = 50 + 50 + 25 = 120

M(BOF) = 2.20 = 40

m (203) - 4.25 = 80