INSPECTORATUL ȘCOLAR JUDEȚEAN ARGEȘ

ŞCOALA GIMNAZIALA „NANU MUSCEL”
STR. FRAŢII GOLEŞTI NR.27
CÂMPULUNG, JUD. ARGEŞ

CONCURSUL JUDEȚEAN *“MAGICIENII NUMERELOR”*
31 ianuarie 2026 - CÂMPULUNG
BAREM DE CORECTARE SI NOTARE
Clasa a III- a

PARTEA I

ITEM	I1	I2	I3	I4	I5	I6
PUNCTAJ	5p	5p	5p	5p	5p	5p
RĂSPUNS	A	C	B	C	C	B

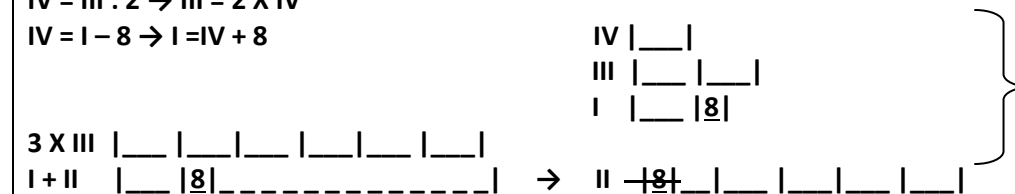
PARTEA a II-a

Problema 1
20p
(4 + 2X5 + 6)

I + II + III = 1375 lei
85x3 ≠ I ≠ III → II = 3 X 85 = 255 — 4 p
I = 4 X (7 X 9) + 3 X (5 X 8) = 4 X 63 + 3 X 40 = 252 + 120 = 372 — 10 p (2 X 5)
III = 1375 – (255 + 373) = 1375 – 627 = 748 — 6 p
R: 372, 255, 748

Problema 2
20p
(5X4 p)

I + II = 3 X III
IV = III : 2 → III = 2 X IV
IV = I – 8 → I =IV + 8



4 p

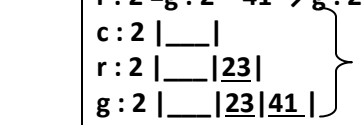
sau

1 p + 2 p + 1 p + 8 + 5 p – 8 = 81
9 p = 81 1p = 81 : 9 = 9
IV = 9 — 4 p

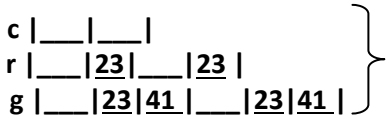
III = 2 X 9 = 18 — 4 p
I = 9 + 8 = 17 — 4 p
II = 5 X 9 – 8 = 45 – 8 = 37 — 4 p
R: 17, 37, 18, 9

Problema 3
20p
(4X5 p)

r + c + g = 210
r : 2 = 23 + c : 2
r : 2 =g : 2 – 41 → g : 2 = 41 + r : 2



210: 2 sau



210 5 p

3 p + 23 X 2 + 41 = 105
1p = (105 – 41 – 46): 3 = 18: 3=6
6 p + 23 X 4 + 41 X 2 = 210
1 p = (210 – 92 -82): 6 = 6
c = 2 X 6 = 12 — 5 p
r = 2X 6 +23 x 2= 12 + 46 = 58 — 5 p
g = 2 X 6 + 2 X (23 + 41)=12 + 2 X 64 = 12 + 128 = 140 — 5 p
R: 12, 58, 140

Se acordă 10 puncte din oficiu. Orice soluție corectă este luată în considerare.