MINISTERUL EDUCAȚIEI

OLIMPIADA DE MATEMATICĂ A SATELOR DIN ROMÂNIA

ETAPA JUDEȚEANĂ

Barem CLASA a IV -a

Problema 1.(7 puncte)

a) $a = 7$ .....(4p)

b) $2 \times b + 3 \times c = 15$.....(2p)

Perechile sunt: (0;5) și (6;1) .....(1p)

Problema 2.(7 puncte)

Sandală: ⟷ +980 .....(1p)

Pantof: ⟷ .....(1p)

Pantof+2xSandală=2020.....(2p)

2020-1960=60.....(1p)

60:3=20 .....(1p)

Sandală are 1000 lei, Pantof are 20 lei. .....(1p)

Problema 3.(7 puncte)

a) De la 1 la 9 sunt folosite 9 cifre.....

De la 10 la 99 sunt folosite 90x2=180 cifre.....(1p)

450-(180+9)=261 cifre.....(1p)

261:3=87.....(1p)

87 numere de câte 3 cifre sunt de la 100 la 186, deci cartea are 186 pagini.....(1p)

b)

S ⟷⟷⟷⟷

P ⟷⟷⟷

A ⟷⟷⟷⟷⟷⟷

} 1170.....(1p)

1170:13=90.....(1p)

S=360 lei, P=270 lei, A=540 lei.....(1p)

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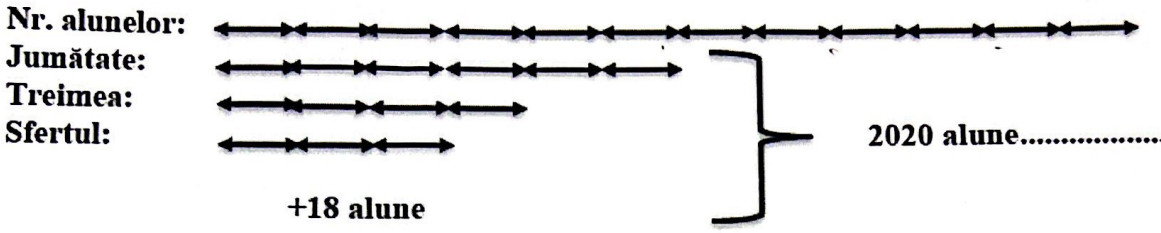
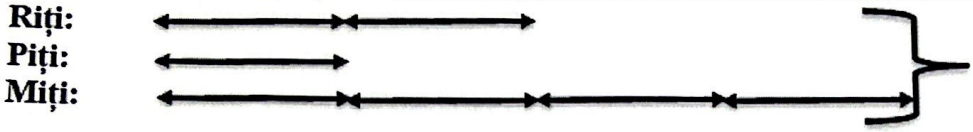
Problema 4.(7 puncte)



2020-18=2002 .....(1p)
2002:13=154 .....(1p)
154×12=1848 .....(1p)



Piți are 264+6=270 alune; Riți are 528+6=534 alune; Miți are 1056+6=1062 alune. .....(1p)

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