

AP 1 G 2011

Suttascripziun candidat(a):

Lieu / datum:

Matematica-part 1 – RG

Cuoz: 45 minutas

max. puncts: 22

1. correctura: puncts cuntanschids: _____ Visum: Data:.....

2. correctura: puncts cuntanschids: _____ Visum:..... Data:.....

3. correctura posteriura: puncts cuntanschids: _____ Visum:..... Data:.....

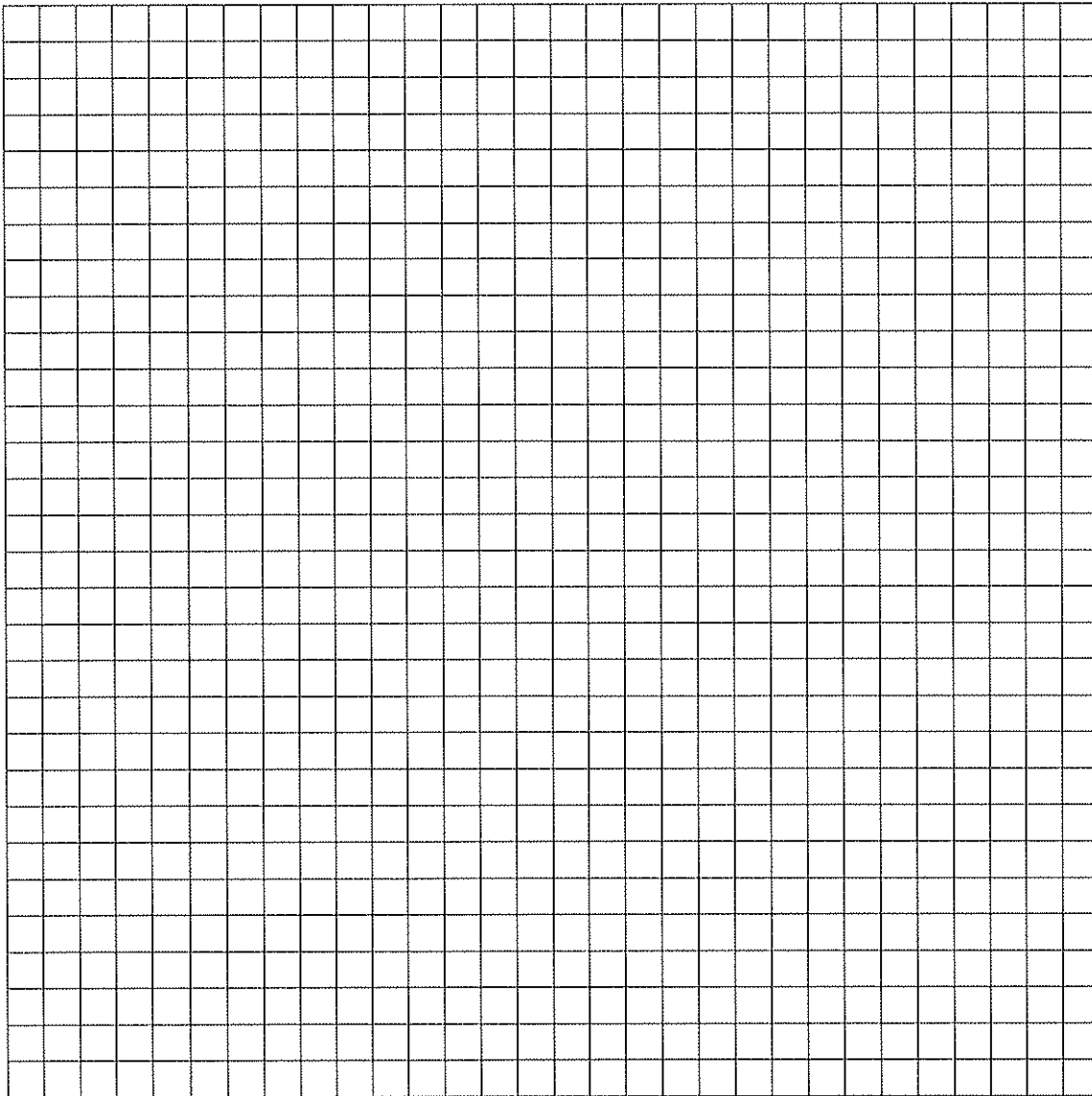
Remartgas

- Scriva cun stilograf u cun culli da color blaua u naira (betg cun rispli!).
- La via a la schliaziun sto vegnir inditgada cumplettamain. Tut las calculaziuns necessarias ston vegnir fatgas sin il feigl da schliaziun.
- Schliaziuns d'emprova u schliaziuns senza ina via a la schliaziun veseivla na dattan nagins puncts.
- Las mesiras ston vegnir inditgadas.
- Las fracziuns ston, sche pussaivel, vegnir scursanidas.
- Il temp d'elavuraziun munta 45 min.
- Ti na dastgas betg duvrar il calculader da tastga u auters meds electronics.

1) Inditgescha la schliaziun sco dumber decimal.

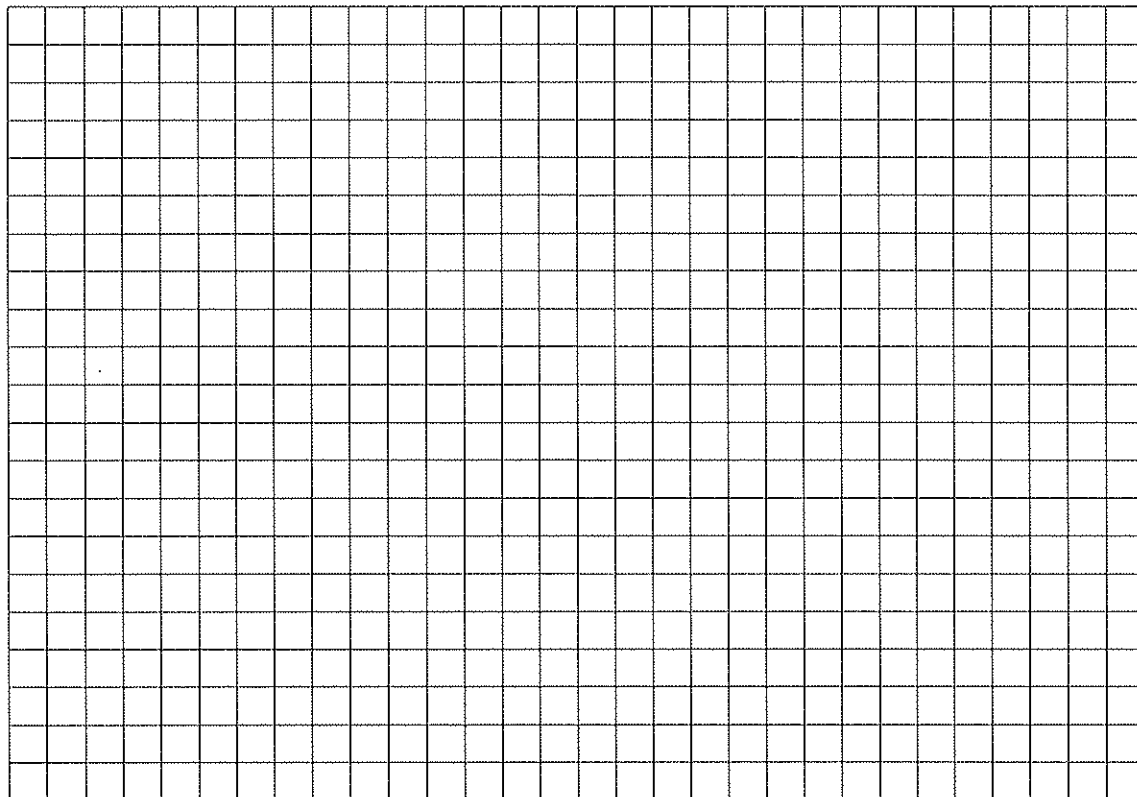
$$27\frac{1}{8} - (1980 : 88) = \square : 7$$

3



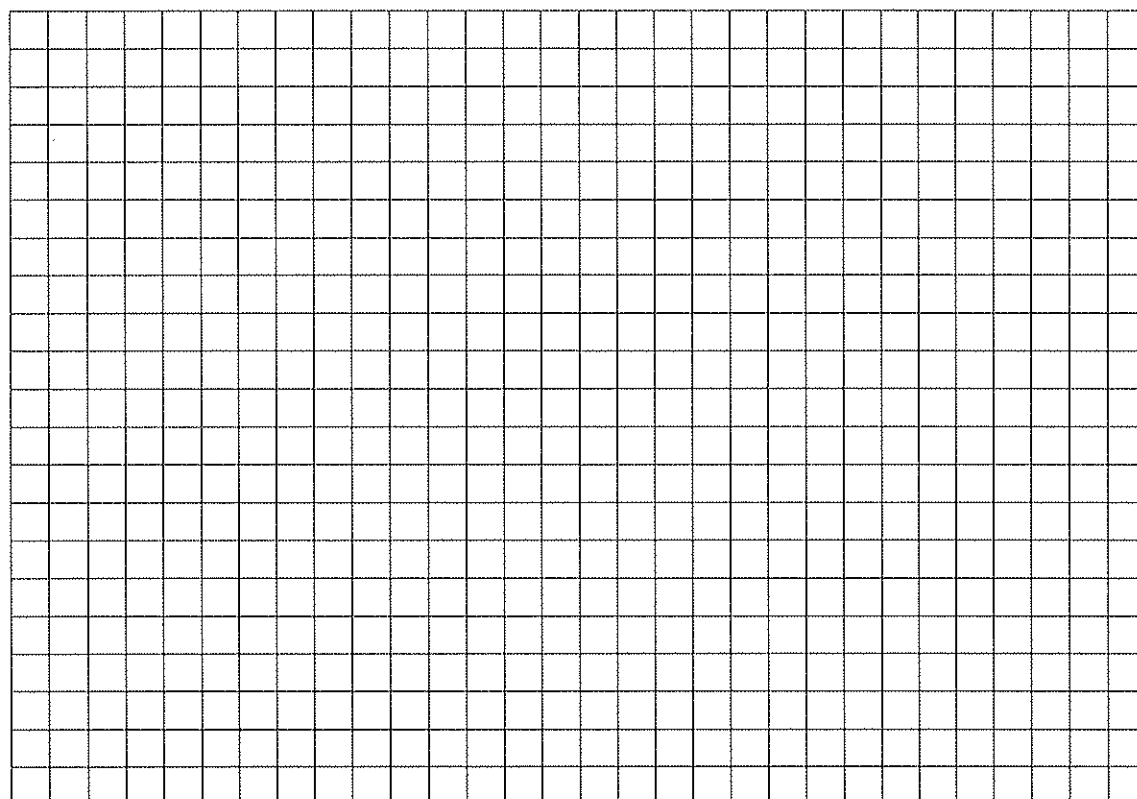
2) $5.7h - 3\frac{3}{4}\text{min} + 4h\ 3\text{min}\ 8s = \underline{\quad} h \underline{\quad} \text{min} \underline{\quad} s$


2



3) La summa da $\frac{5}{6}$ d'in dumber e $\frac{7}{8}$ dal medem dumber è per 58 pli gronda che la mesadad da quest dumber. Calculescha il dumber!

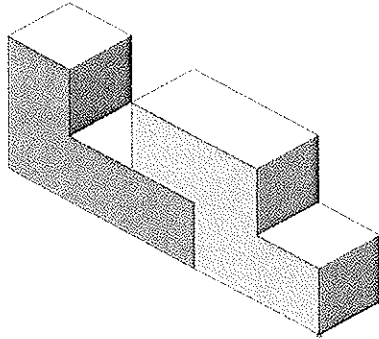
3




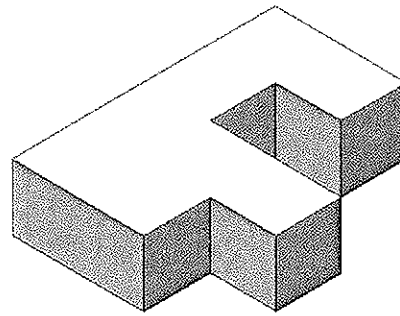
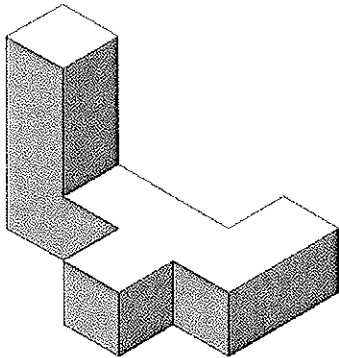
4) Ils trais cubs dissegnads qua sut èn cumponids mintgamai en ina furma d'in L- e d'in .

2

Exempel:

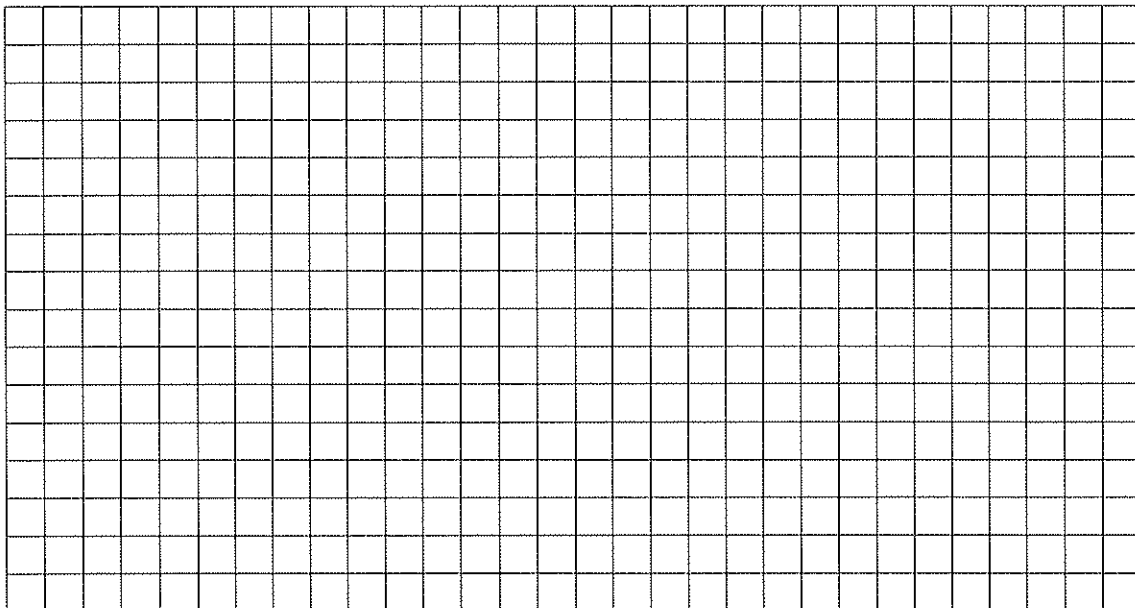


Porta en il  cun color en las suandantas duas figuras!



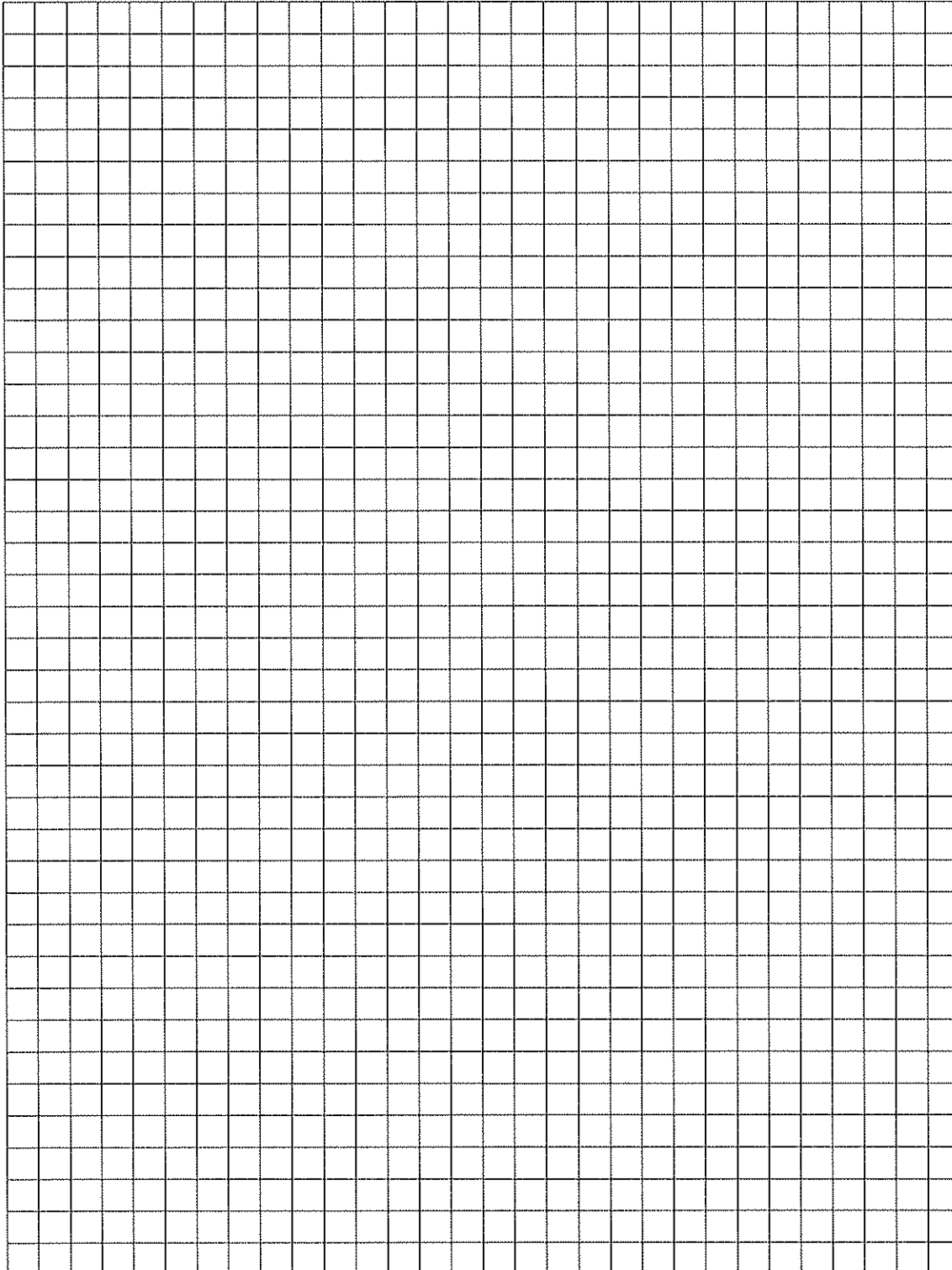
5) Ina quantidad definida da bulieus è repartida en medem dumber sin 77 chartuns. Perquai che set chartuns vegnan duvrads per insatge auter, vegnan ils bulieus repartids en medem dumber sin ils auters chartuns. Uschia vegnan mess en anc sis bulieus en mintga chartun. Quants bulieus hai tut ensemen?

2

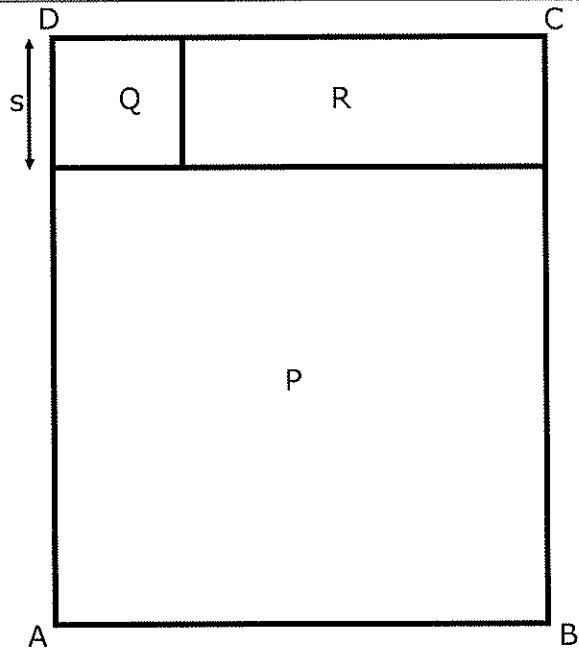


6) In automobilist vulesse far 210 km en 2 h 20 min. Pervia dal grond traffic sa reducescha sia spertezza per 15 km/h.
Quants km ha l'automobilist anc da far en il temp calculà?

3

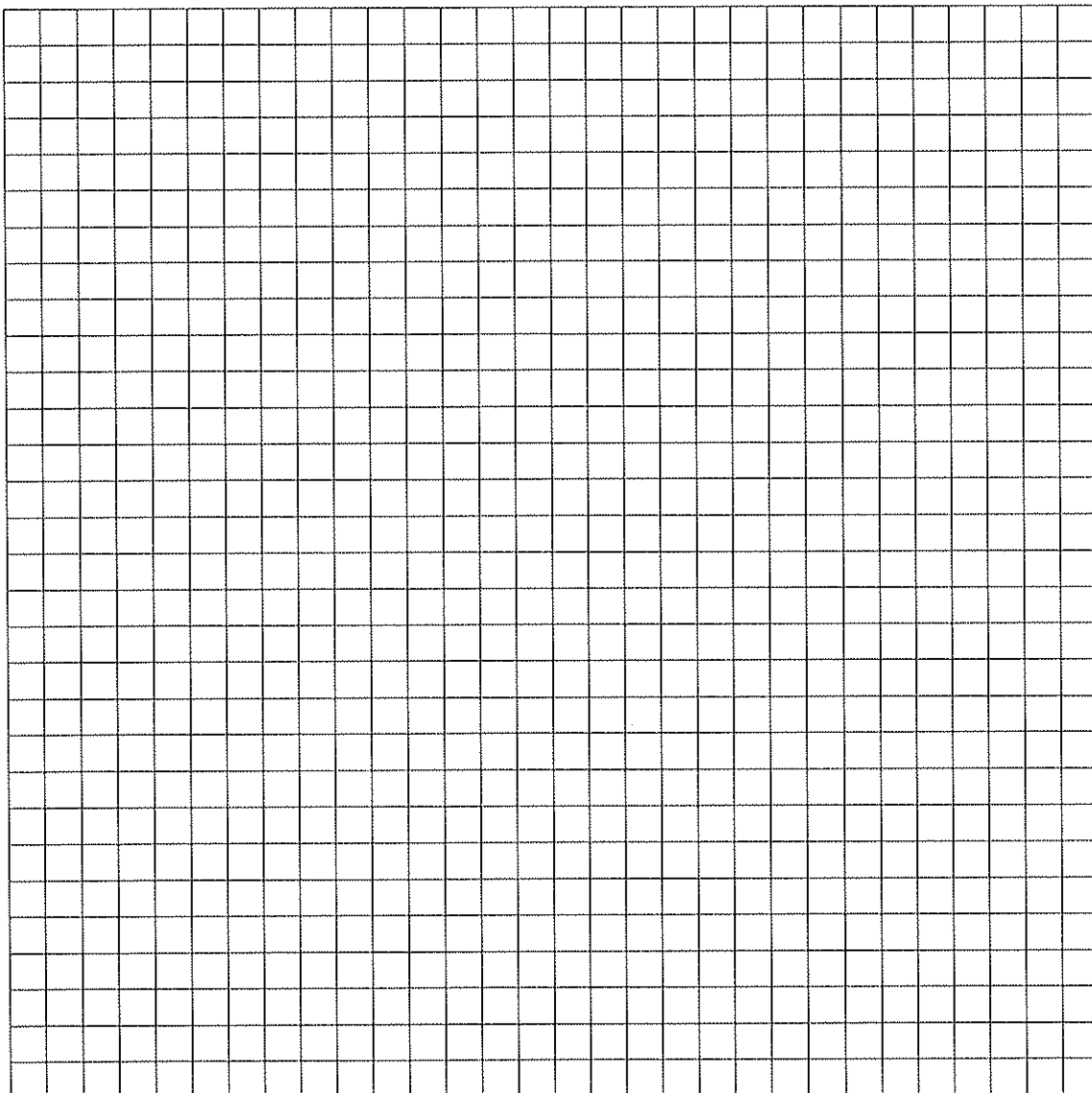
A large grid of graph paper, consisting of 20 columns and 30 rows of small squares, intended for the student to perform calculations or draw a diagram to solve the problem.

7) Il rettangolo ABCD è diviso in un quadrato Q (s = lato del quadrato), un rettangolo R ed un rettangolo P. La lunghezza della parte AB è di 28 cm. La circonferenza del rettangolo R è il doppio di quella del quadrato Q. La circonferenza del rettangolo P è tre volte maggiore di quella del rettangolo R.



Calcola la circonferenza dell'intero rettangolo ABCD.

3



8) Porta en la retscha da dumbars ils quatter dumbars che mancan!

_____ 38 51 47 60 56 69 _____

2

9) Dissegna la chasa en mesira engrondanida dad 1 : 3 !

2

