ragame 1. Manuellema ypoblemus hopodorbe, njorogruset repez (1,2), (3,10), (5,1) ax2+6x+c=4  $(a.1^2 + b.1 + c = 2$  $a.3^2 + b.3 + c = 10$ a.52+6.5+0=1 10 + 6+ 0 = 2 h90+36+C=10 250 + 56+C=1 1 C=2-a-6 90+46+2-9-6=10 254+56+2-4-6=1 C=2-a-6 2 80 +26 = 8 244+48=-1 ( = 2-a-b 6 = 4 - 4a 244+48=-1 11=2-0-6 6=4-49 244 + 4(4-40) = -1 6-4-40 24a + 16 - 169 = -1

C=2-a-6 80 = -17 1 C= 2-0-6 Q = - 17 1 C = 2 - (- 17/8) - 6 [ b=4-4(-77) a = - 17 1 C= 2+ 17-6 B=4+17-4+8,5=12,5 a = - 17 = -2,175 1 C=2+9,125-12,5 16=12,5 -a=-2,125 1 (= 8,325 6=12,5 (Q=-2,125 Omben: a = -2,125; 6=12,5; C=8,375

Rogeruse ?.

Upbernero, uno chescui orygery ma 99° (o coemoum uy bogor, Merry vapag bybecum memous co chescum organismo Trongrunoco, uno organol pobuo 100 m. Memon yofalu, a repeg merry cuoba bybecum Drypuyo za suno byent yeosem, a menego boga chemabuscun yole unalesto 98% ux beca. Cuandus menego (6 m.) becomo organismo?

99 km boger + 1 km mikom = 100 km

x bogu + 1 cm dexuond = y les 980/0 + 20/0 = y las

20/0 = 1 km

1 % = 0, Then

98% =49 un bogue

Ombem: organde cardie 50 les

rogenne 3.

3. 
$$\log_8 2^{8x-4} = 4$$
  
 $8^4 = 2^{8x-4}$   
 $2^{12} = 2^{8x-4}$   
 $12 = 8x-4$ 

$$(52-5)^{\log_{5}3}=5$$
  
 $(52-5)^{0,5}=5$ 

ragoure 4.

6. log 16 = 2

7. logs = -2

8. log 5=0,5

9. log 127=32

10. log12 - log3 - log12 = loy24 = 2

11, log12 + log3 = log36 = 2

12. elh5 lu5 = loge5

e logé = 5 logé = 5

13. log 225 = log 295 = 2

14. log 32+ log 10 = 2,5-1=1,5

log 10 = 1 · log 10 = -1.1=-1

log 32 = 1. log32 = 1.5= 5

15. glogs 07 = 05 legs = 5