**QUIZ #1**

**ΟΝΟΜΑ:Alexandros**

**ΕΠΩΝΥΜΟ:Xenakis**

**Α.Ε.Μ:937**

**Askisi 1:**

**25 5 1 a1 106.8**

**0 -4.8 -1.56 a2 -92.208**

**0 -16.8 -4.76 a3 -335.968**

**Diairoume th deuterh grammh me to (-4.8) kai sth sunexeia th pollaplasiazoume me to (-16.8).To apotelesma pou prokuptei to afairoume apo th 3 grammh tou pinaka kai etsi prokuptei o:**

**25 5 1 a1 106.8**

**0 -4.8 -1.56 a2 -96.208**

**0 0 0.7 a3 0.76**

**B)Apo to pinaka pou mas dinetai parapanw prokuptoun meta thn apaloifh 3 exiswseis.Lunoume th teleutaia pou exei mono mia metablhth thn (a3).Sth sunexeia lunoume th deuterh pou exei 2 metablhtes(a2,a3) afou xeroume thn (a3).Vriskoume thn (a2)kai lunoume th prwth exiswsh**

**25\*a1+5\*a2 +a3=106.8 me monadiko agnwsto to a1**

**Prokuptei oti (a1=0.290472)**

**Askisi 2: C**

**Askisi 3: Α**

**Askisi 4: C**

**Askisi 5: D**

**Askisi 6: B+C+D+E**

**Askisi 7: B**

**Askisi 8. D**

**Askisi 9: B(an kanoume odhghsh) se diaforetikh periptwsh isxuei kai C**

**Askisi 10: D**

**Askisi 11:**

**Askisi 12: D**

**Askisi 13:**

**25 5 1 a1 106.8**

**A = 64 8 1 a2 = 177.2**

**144 12 1 a3 279.2**

**25 5 1 a1 106.8**

**0 -4.8 -1.56 a2 = -96.208**

**0 -16.8 -4.76 a3 -335.968**

**U:**

**25 5 1 a1 106.8**

**0 -4.8 -1.56 a2 = -96.208**

**0 0 0.7 a3 0.76**

**Pisw antikatastash:**

**a1 0.2905**

**a2 = 19.6905**

**a3 1.0875**

**Askisi 14:**

**GAUSS:**

20 15 10 x1 45

A = -3 -2.249 7 x2 = 1.751

5 1 3 x3 9

**ARA**

**1 0 0 20 15 10**

**L = 0.25 1 0 U = 0 -2.75 0.5**

**-0.15 -0.00 1 0 0 8.5002**

**1 0 0**

**P = 0 0 1**

**0 1 0**

**Lush**

1

Χ = 1

1

**monadikh**

**Askisi 18:**

**10 -7 0**

**Α = -3 2.099 6**

**5 -1 5**

**10 -7 0**

**U = 0 -0.001 6**

**0 0 15005**

**H orizousa einai to ginomeno ths diagwniou:**

**Det = -150.05.**