1η Σειρά Ασκήσεων - Λύση 1ης άσκησης

(α)

```
  520/5-8/2-18/3
= ((520/5)-(8/2))-(18/3)
= (104-4)-6
= 100-6
= 94

2^2^2^2-1024/16/8/2
= (((2^2)^2)^2)-(((1024/16)/8)/2)
= ((4^2)^2)-((64/8)/2)
= (16^2)-(8/2)
= 256-4
= 252
```

(β)

```
  520/5-8/2-18/3
= (520/5)-((8/2)-(18/3))
= 104-(4-6)
= 104-(-2)
= 106

  2^2^2^2-1024/16/8/2
= (2^(2^(2^2)))-(1024/(16/(8/2)))
= (2^(2^4))-(1024/(16/4))
= (2^16)-(1024/4)
= 65536-256
= 65280
```

(γ)

```
  520/5-8/2-18/3
= ((((520/5)-8)/2)-18)/3
= (((104-8)/2)-18)/3
= ((96/2)-18)/3
= (48-18)/3
= 30/3
= 10
```

```
  2^2^2^2-1024/16/8/2
= (((((( 2^2)^2)^2)-1024)/16)/8)/2
= ((((4^2)^2)-1024)/16)/8)/2
= (((16^2)-1024)/16)/8)/2
= (((256-1024)/16)/8)/2
= ((-768/16)/8)/2
= (-48/8)/2
= -6/2
= -3
```