№ 115

1. (33\*103)1/3 - (55)5  = 30-5=25
2. (27 )7 \*1\*((1,5)3)1/3 = 2\*1,5=3
3. (76)1/6 – (34\*104)1/4=7 -30=-23
4. ((3/5)3 )1/3+ ((3/2)3)1/3= 3/5+3/2=2,1

№ 134

1. (26\*29)1/3 = 215/3=25=32
2. (33\*43)1/3=12
3. (24\*34)1/4 =6
4. ((1,5)4)1/4 = 1,5
5. (33\*32)1/5= 3
6. (43)1/3 = 4

№ 140

1. ((72)3)1/3 = 72 =49
2. ((53)4)1/12=5
3. ((52)6)1/4=53 = 125
4. (26\*100)1/150 = 2 4=16

№ 163

$$a) \sqrt[3]{2^{3}\*2 }-2\sqrt[3]{3^{3 }\*2} + \sqrt[3]{5^{3}\*2 } =2\sqrt[3]{2} -6\sqrt[3]{2} +5\sqrt[3]{2} = \sqrt[3]{2}$$

$б) \sqrt[4]{(\sqrt[3]{6} -1)^{4}}^{}+ \sqrt[4]{2\*24} = $ $\sqrt[3]{6} -1- \sqrt[3]{2^{3}\*6}$ =$\sqrt[3]{6}-1-2$ $\sqrt[3]{6}= -\sqrt[3]{6}-1$