1

log(3)3^3-log( \sqrt{3} )( \sqrt{3} ) ^{6} -log(1/3)(1/3) ^{-3}-log( \sqrt{3}/2) ^{-6}   =3-6+3+6=6

2

log(0,4)(0,4) ^{1/3} +log(0,6)(0,6) ^{1/2} +log(0,32)(0,32) ^{1/2} =1/3+1/2+1/2=1 1/3

3

[log(1/2)(1/2) ^{2/3} +6*log(1/4)(1/4) ^{1/2} -2log(1/16)(1/16) ^{1/2} ]:log( \sqrt{2} ))( \sqrt{2}) ^{6/5}  =(2/3+6*1/2-2*1/2)*5/6=8/3*5/6=20/9=2 2/9