Зачетная работа по теме «Уравнения» ,11 класс

1. $3^{log\_{27}(8х+4)}$= 4

2. 0,252х-1=8х+3

3.$ log\_{5}\left(2х+3\right) $=$ log\_{0,2}(х+1)$

4. $\sqrt[3]{х+5} $= 8

5.$ \sqrt{3-2х}$ = 2х + 3

6. $log\_{5}(2х+3)$ = $log\_{0,2}(х+10$

7. $\cos(\frac{π(2х-6)}{6})$ = $\frac{\sqrt{3}}{2}$

8. $log\_{4}2^{8х+20}$ = 8

9.$(\frac{1}{4})$х+2 = 256х

10. $\sqrt{\frac{160}{6-7х}}$ = 1$\frac{1}{3}$

11. 45х + 2 = 0,8 \* 55х + 2

12. х = $\frac{8х+36}{х+13}$

13. $\sqrt{9-8х }$ = - х

14. $log\_{9}3^{2х+9}$

15. $\tan(\frac{π(2х+5)}{6})$ = $\sqrt{3}$

16. $\frac{1}{5х+4}$ = $\frac{1}{4х-3}$