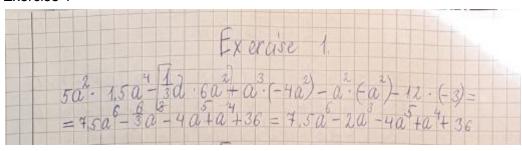
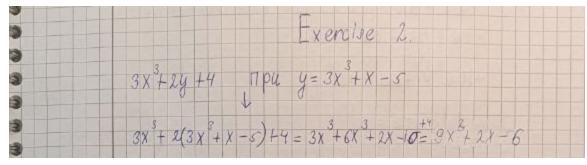
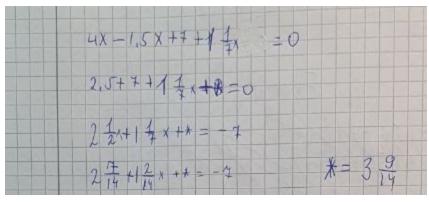
Exercise 1



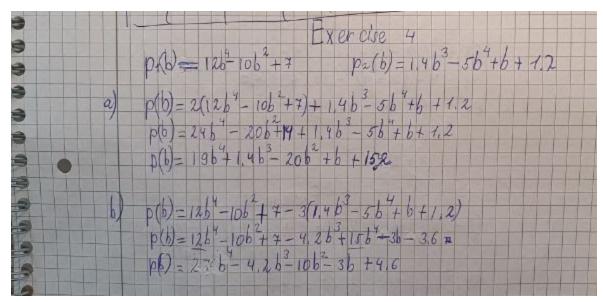
Exercise 2



Exercise 3



Exercise 4



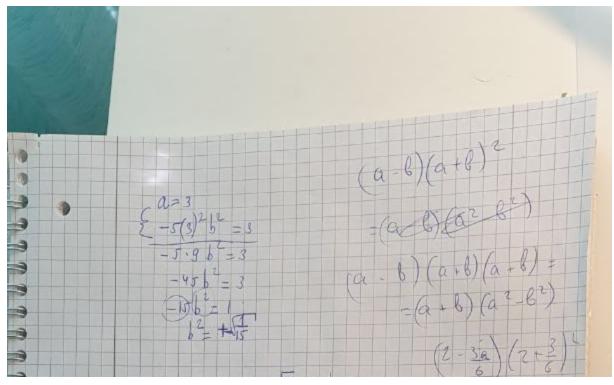
Exercise 5

Exercise 5.

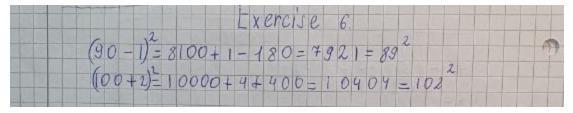
$$3a(5ab^{3}-3)+5a^{2}b^{2}(3b-2a)=15a(2ab^{3}-1)+18$$
 $15a^{2}b^{3}-9a+15a^{2}b^{3}-10a^{3}b^{2}=30a^{2}b^{3}-15a+18$
 $30a^{2}b^{3}-9a-10a^{3}b^{2}=18$
 $-9a+15a-10a^{3}b^{2}=18$
 $-10a^{3}b^{2}+6a=18$
 $12a^{2}b^{3}+3a=9$

I did not get the solution but I tried

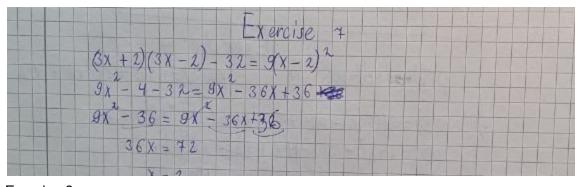
Exercise 5.
$3a(5ab^{3}-3)+5a^{2}b^{2}(3b-2a)=15d2ab^{3}-1)+18$ $15a^{2}b^{3}-9a+15a^{2}b^{3}-10a^{3}b^{2}-30a^{2}b^{3}-15a+18$ $30a^{2}b^{3}-9a-10ab^{2}-30a^{2}b^{3}-15a+18$ $-9a+15a-10a^{3}b^{2}=18$
$6a - 10a^{3}b^{2} = 18$ $-10a^{3}b^{2} + 6a = 18$ $-5a^{3}b^{2} + 3a = 9$ $\sqrt{a(-5a^{2}b^{2} + 3) = 9}$ $\sqrt{3} = 5(3)^{2}b^{2} = 9$
$\begin{cases} a = 3 \\ -5(3^{\circ}) & 3 = 3 \end{cases}$
$1 + 5 ^2 = 3$ $-15 ^2 = 2$ $0 = -15$ $0 = +-5$



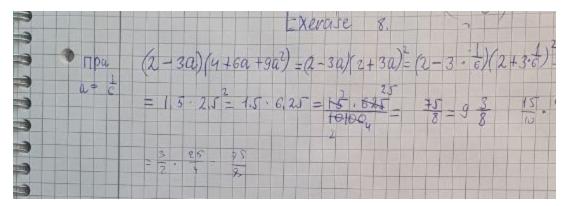
Exercise 6



Exercise 7



Exercise 8



Exercise 9

