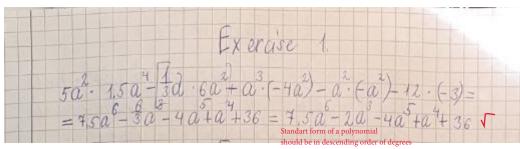
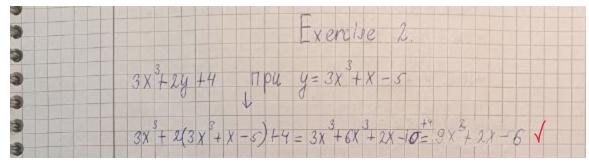
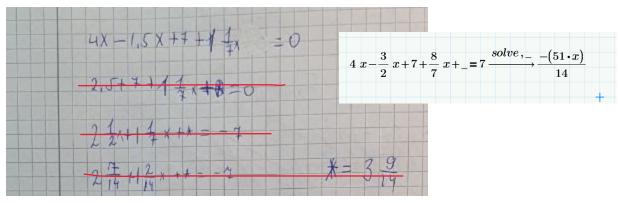
### Exercise 1



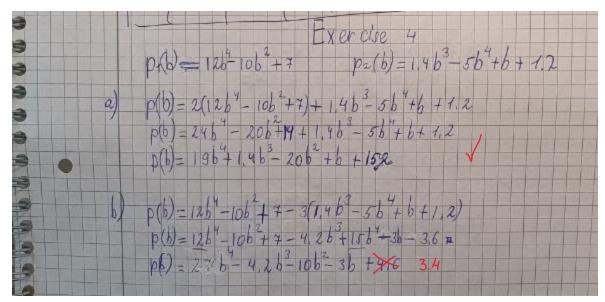
## Exercise 2



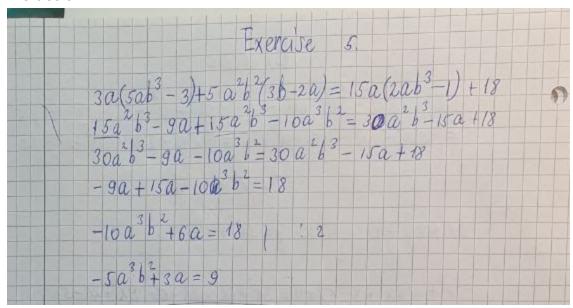
### Exercise 3



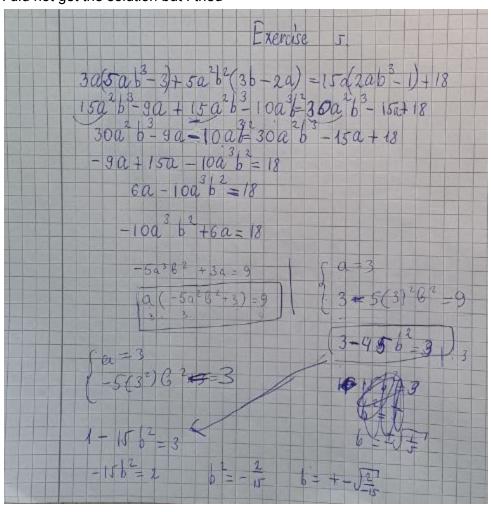
Exercise 4



### Exercise 5



I did not get the solution but I tried



$$a(6-10 \ a^2 \ b^2) = 18$$

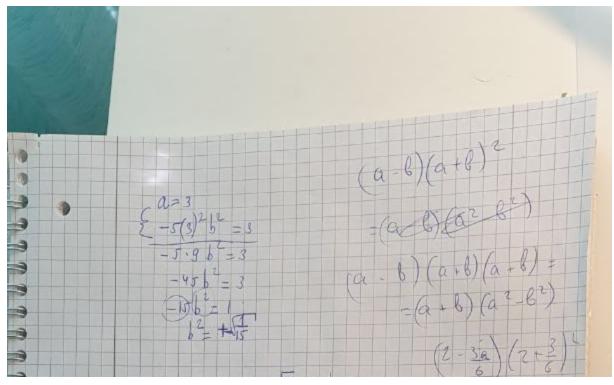
$$b^2 = \frac{3}{5} \frac{(a-3)}{a^3}$$

$$a(3-5 \ a^2 \ b^2) = 9$$

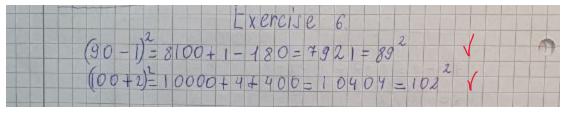
$$3 \ a-5 \ a^3 \ b^2 = 9$$

$$5 \ a^3 \ b^2 = 3 \ a-9$$

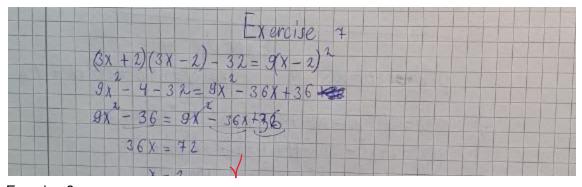
$$b^2 = \frac{3 \ a-9}{5 \ a^3}$$



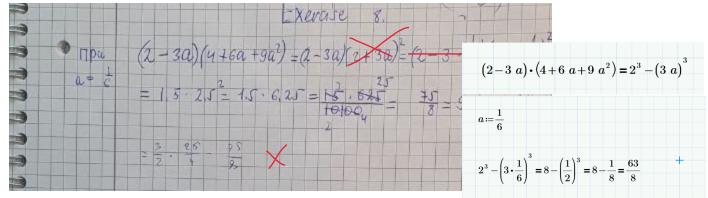
Exercise 6



Exercise 7



Exercise 8



# Exercise 9

