Sústavy lineárnych rovníc s  dvoma neznámymi

# (Domáca úloha na 30.03.2021)

# 1.Vypočítajte sústavu rovníc v množine reálnych čísel a urobte skúšku:

# b) 90 – 7.x = – 4.y

100 + 9.x = 2.y

# – 7.x + 4.y = – 90

9.x – 2.y= –100 /.2

# – 7.x + 4.y = – 90

18.x – 4.y = –200

11.x = –290 /:11

# d) – 4.x = –27 + 5.y => – 4.x = –27 + 5.7

4.y = 22 – 3.x – 4.x = 8 /:(–4)

# –4.x –5.y = – 27 /.3 x= –2

3.x + 4.y = 22 /.4

Sk.: Ľ1= – 4.**(** – 2**)** =8 Ľ2=4.7 = 28

P1=– 27 + 5.7 =8 P2=22 – 3.( – 2) = 22+6=28

Ľ1=P1 Ľ2=P2

# –12.x –15.y = –81 /.3

12.x +16.y = 88

y=7

* K = {[-2, 7] }