$4(2x-y)-3(2y-x)=$

$=8x-4y-(6y-3x)=$

$=\underline{8x}-\underline{4y}-\underline{6y}+\underline{3x}=$

$=11x-10y \leftarrow \begin{matrix} x=-1 \\ y=2 \end{matrix}$

$=11\cdot(-1)-10\cdot 2=$

$=-11-20=$

$=\underline{-31}$

$-2m(m+1)+(m-4)(2m+3)=$

$=-\cancel{2m^2}-\underline{2m}+\cancel{2m^2}-\underline{8m}+\underline{3m}-12=$

$=-7m-12 \leftarrow m=-1$

$=-7\cdot(-1)-12=$

$=7-12=$

$=\underline{-5}$

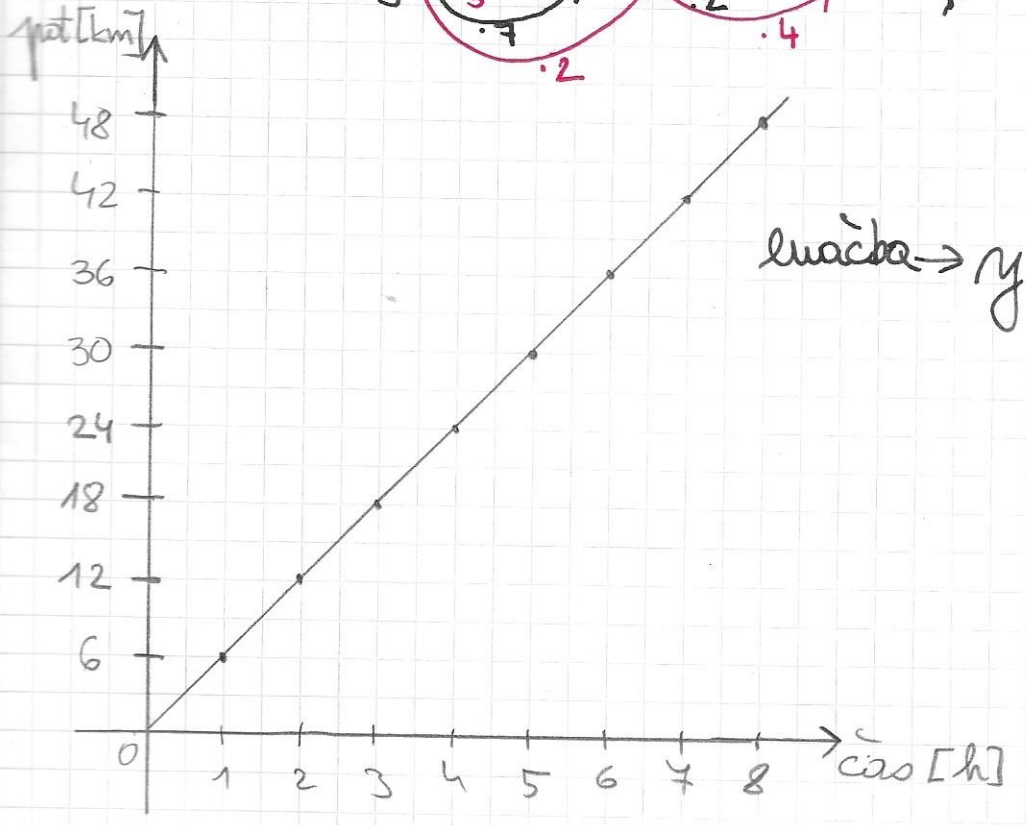
120/2 nal

2 neodvisna

čas [h] →	3	1	5	7	2	4	8
odvisna → pot [km]	18	6	30	42	12	24	48

$k=\frac{pot}{čas}=\frac{6}{1}=6$

tukaj lahko delimo tudi drugi vrednosti (npr. $\frac{18}{3}$ ali $\frac{30}{5}$ ...)



enačba → $y=6x$

120/5 nal

$\boxed{k=4,\ y=k\cdot x}$

$\underline{x=2}$

$y=4\cdot 2=8 \rightarrow T_1(2,8)$

$\underline{x=5}$

$y=4\cdot 5=20 \rightarrow T_2(5,20)$

$x=\frac{1}{4}$

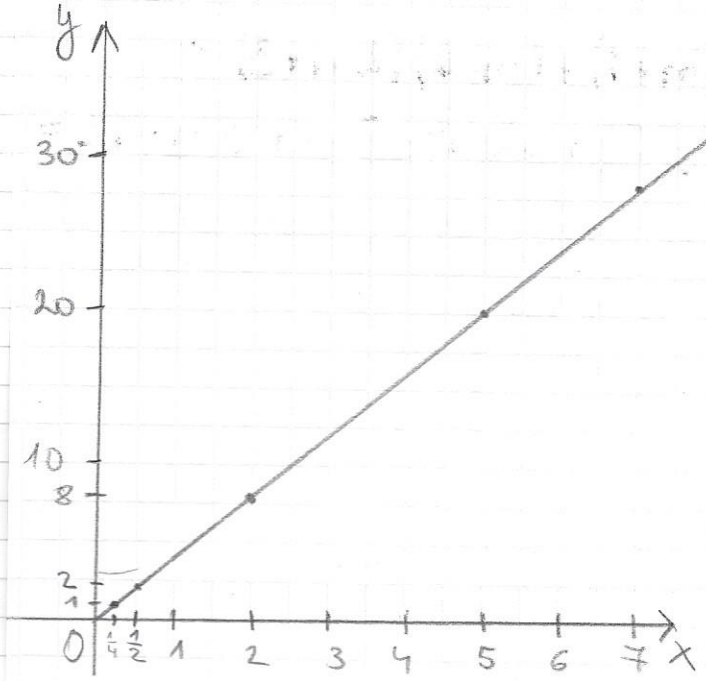
$y=4\cdot\frac{1}{4}=\frac{\cancel{4}\cdot 1\cdot 1}{1\cdot\cancel{4}\cdot 1}=1 \rightarrow T_5\left(\frac{1}{4},1\right)$

$\underline{x=7}$

$y=4\cdot 7=28 \rightarrow T_3(7,28)$

$\underline{x=\frac{1}{2}}$

$y=4\cdot\frac{1}{2}=\frac{\cancel{4}\cdot 1\cdot 2}{1\cdot\cancel{2}\cdot 1}=2 \rightarrow T_4\left(\frac{1}{2},2\right)$


y
30
20
10
8
2
1
0
1/4
1/2
1
2
3
4
5
6
7
x