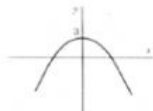


Pracovní list

Funkcie a ich vlastnosti

1. Určte Df funkcie – zapíš príslušné písmeno:

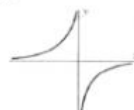
k1



k3



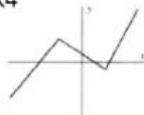
k5



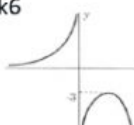
k2



k4



k6



A

B

C

D

E

F

$\mathbb{R} - \{0\}$

$(-\infty, 3>$

$(0, \infty)$

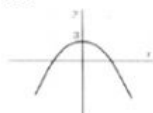
$(-\infty, -3> \cup (0, \infty)$

$\mathbb{R}$

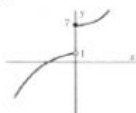
$(-\infty, 1> \cup (7, \infty)$

2. Určte Hf funkcie – zapíš príslušné písmeno:

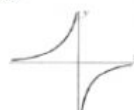
k1



k3



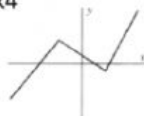
k5



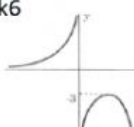
k2



k4



k6



A

B

C

D

E

F

$\mathbb{R} - \{0\}$

$(-\infty, 3>$

$(0, \infty)$

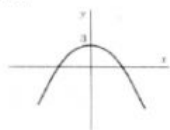
$(-\infty, -3> \cup (0, \infty)$

$\mathbb{R}$

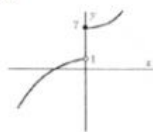
$(-\infty, 1> \cup (7, \infty)$

3. Označ funkcie, ktoré sú monotónne na celom definičnom obore:

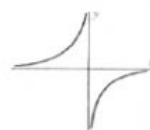
k1



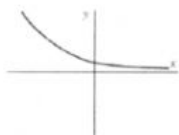
k3



k5



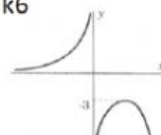
k2



k4

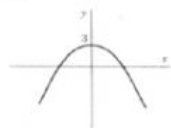


k6

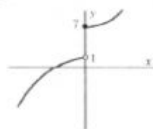


4. Označ funkcie, ktoré sú prosté:

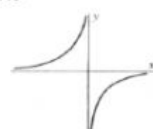
k1



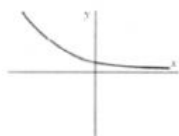
k3



k5



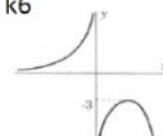
k2



k4

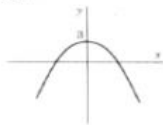


k6

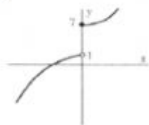


5. Označ funkciu, ktorá má maximum pre $x=0$:

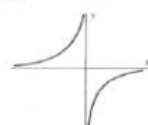
k1



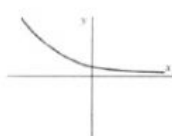
k3



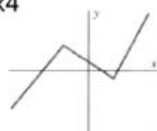
k5



k2



k4



k6

