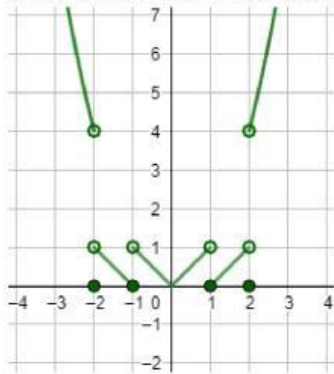


LIMITEEN KALKULUA (Grafikoki)

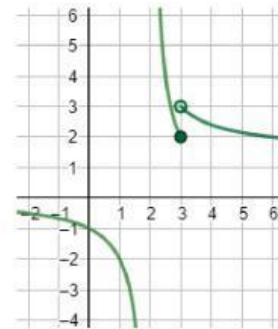
1) Ondoko funtzioak emanda kalkulatu eskatutako limiteak:



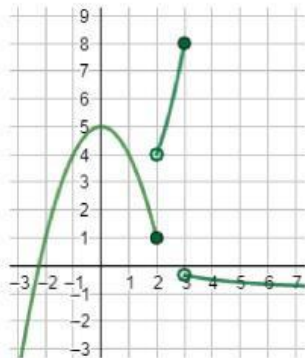
a) $\lim_{x \rightarrow (-2)^-} f(x) =$	$\lim_{x \rightarrow (-2)^+} f(x) =$	$f(-2) =$
b) $\lim_{x \rightarrow (-1)^-} f(x) =$	$\lim_{x \rightarrow (-1)^+} f(x) =$	$f(-1) =$
c) $\lim_{x \rightarrow 0^-} f(x) =$	$\lim_{x \rightarrow 0^+} f(x) =$	$f(0) =$
d) $\lim_{x \rightarrow 1^-} f(x) =$	$\lim_{x \rightarrow 1^+} f(x) =$	$f(1) =$
e) $\lim_{x \rightarrow 2^-} f(x) =$	$\lim_{x \rightarrow 2^+} f(x) =$	$f(2) =$

2) a) $\lim_{x \rightarrow 2^-} f(x) =$ $\lim_{x \rightarrow 2^+} f(x) =$ $f(2) =$

b) $\lim_{x \rightarrow 3^-} f(x) =$ $\lim_{x \rightarrow 3^+} f(x) =$ $f(3) =$

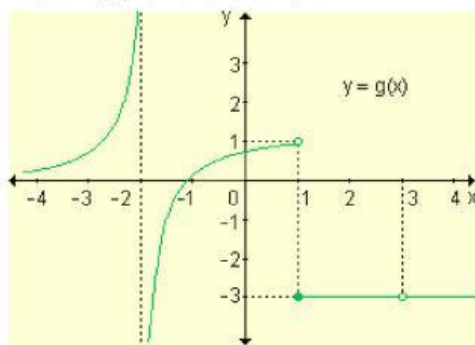


3)



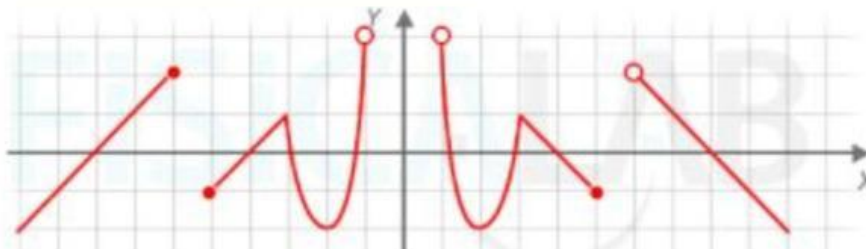
a) $\lim_{x \rightarrow 2^-} f(x) =$	$\lim_{x \rightarrow 2^+} f(x) =$	$f(2) =$
b) $\lim_{x \rightarrow 3^-} f(x) =$	$\lim_{x \rightarrow 3^+} f(x) =$	$f(3) =$
c) $\lim_{x \rightarrow -\infty} f(x) =$	$\lim_{x \rightarrow +\infty} f(x) =$	

4)



a) $\lim_{x \rightarrow (-2)^-} g(x) =$	$\lim_{x \rightarrow (-2)^+} g(x) =$	$g(-2) =$
b) $\lim_{x \rightarrow 1^-} g(x) =$	$\lim_{x \rightarrow 1^+} g(x) =$	$g(1) =$
c) $\lim_{x \rightarrow 2^-} g(x) =$	$\lim_{x \rightarrow 2^+} g(x) =$	$g(2) =$
d) $\lim_{x \rightarrow 3^-} g(x) =$	$\lim_{x \rightarrow 3^+} g(x) =$	$g(3) =$
e) $\lim_{x \rightarrow -\infty} g(x) =$	$\lim_{x \rightarrow +\infty} g(x) =$	

5)



a) $\lim_{x \rightarrow (-6)^-} f(x) =$	$\lim_{x \rightarrow (-6)^+} f(x) =$	$f(-6) =$
b) $\lim_{x \rightarrow (-5)^-} f(x) =$	$\lim_{x \rightarrow (-5)^+} f(x) =$	$f(-5) =$
c) $\lim_{x \rightarrow (-1)^-} f(x) =$	$\lim_{x \rightarrow (-1)^+} f(x) =$	$f(-1) =$
d) $\lim_{x \rightarrow 1^-} f(x) =$	$\lim_{x \rightarrow 1^+} f(x) =$	$f(1) =$

$$e) \lim_{x \rightarrow 5^-} f(x) =$$

$$\lim_{x \rightarrow 5^+} f(x) =$$

$$f(5) =$$

$$f) \lim_{x \rightarrow 6^-} f(x) =$$

$$\lim_{x \rightarrow 6^+} f(x) =$$

$$f(6) =$$

6)



$$a) \lim_{x \rightarrow (-5)^-} f(x) =$$

$$\lim_{x \rightarrow (-5)^+} f(x) =$$

$$f(-5) =$$

$$b) \lim_{x \rightarrow (-4)^-} f(x) =$$

$$\lim_{x \rightarrow (-4)^+} f(x) =$$

$$f(-4) =$$

$$c) \lim_{x \rightarrow 4^-} f(x) =$$

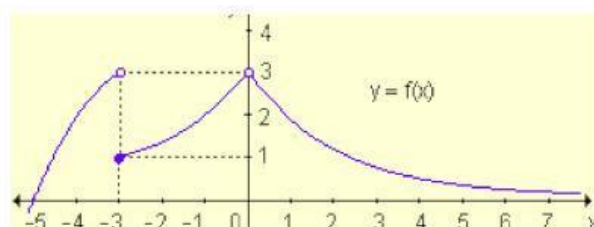
$$\lim_{x \rightarrow 4^+} f(x) =$$

$$f(4) =$$

$$d) \lim_{x \rightarrow -\infty} f(x) =$$

$$\lim_{x \rightarrow +\infty} f(x) =$$

7)



$$a) \lim_{x \rightarrow (-3)^-} f(x) =$$

$$\lim_{x \rightarrow (-3)^+} f(x) =$$

$$f(-3) =$$

$$b) \lim_{x \rightarrow 0^-} f(x) =$$

$$\lim_{x \rightarrow 0^+} f(x) =$$

$$f(0) =$$

$$\lim_{x \rightarrow +\infty} f(x) =$$

$$8) \lim_{x \rightarrow 0^-} f(x) =$$

$$\lim_{x \rightarrow 0^+} f(x) =$$

$$f(0) =$$

$$\lim_{x \rightarrow 2^-} f(x) =$$

$$\lim_{x \rightarrow 2^+} f(x) =$$

$$f(2) =$$

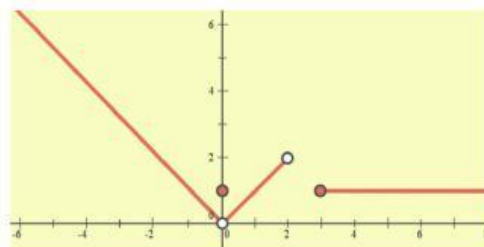
$$\lim_{x \rightarrow 3^-} f(x) =$$

$$\lim_{x \rightarrow 3^+} f(x) =$$

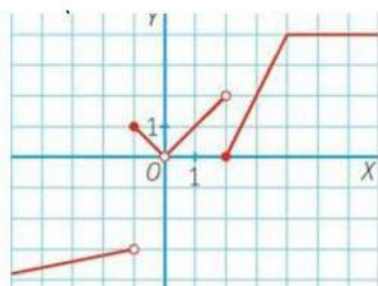
$$f(3) =$$

$$\lim_{x \rightarrow -\infty} f(x) =$$

$$\lim_{x \rightarrow +\infty} f(x) =$$



9)



$$a) \lim_{x \rightarrow (-1)^-} f(x) =$$

$$\lim_{x \rightarrow (-1)^+} f(x) =$$

$$f(-1) =$$

$$b) \lim_{x \rightarrow 0^-} f(x) =$$

$$\lim_{x \rightarrow 0^+} f(x) =$$

$$f(0) =$$

$$c) \lim_{x \rightarrow 2^-} f(x) =$$

$$\lim_{x \rightarrow 2^+} f(x) =$$

$$f(2) =$$

$$d) \lim_{x \rightarrow -\infty} f(x) =$$

$$\lim_{x \rightarrow +\infty} f(x) =$$

$$10) \lim_{x \rightarrow (-1)^-} f(x) =$$

$$\lim_{x \rightarrow (-1)^+} f(x) =$$

$$f(-1) =$$

$$\lim_{x \rightarrow 0^-} f(x) =$$

$$\lim_{x \rightarrow 0^+} f(x) =$$

$$f(0) =$$

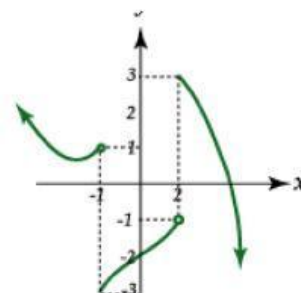
$$\lim_{x \rightarrow 2^-} f(x) =$$

$$\lim_{x \rightarrow 2^+} f(x) =$$

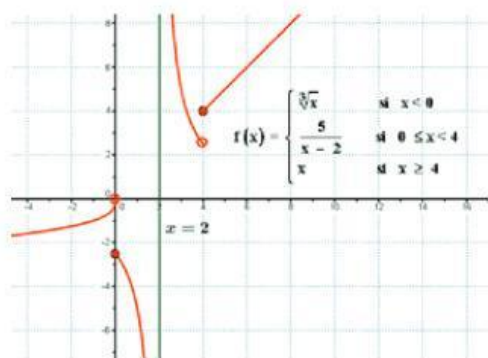
$$f(2) =$$

$$\lim_{x \rightarrow -\infty} f(x) =$$

$$\lim_{x \rightarrow +\infty} f(x) =$$



11)



$$\lim_{x \rightarrow 0^-} f(x) =$$

$$\lim_{x \rightarrow 0^+} f(x) =$$

$$f(0) =$$

$$\lim_{x \rightarrow 1^-} f(x) =$$

$$\lim_{x \rightarrow 1^+} f(x) =$$

$$f(1) =$$

$$\lim_{x \rightarrow 2^-} f(x) =$$

$$\lim_{x \rightarrow 2^+} f(x) =$$

$$f(2) =$$

$$\lim_{x \rightarrow 3^-} f(x) =$$

$$\lim_{x \rightarrow 3^+} f(x) =$$

$$f(3) =$$

$$\lim_{x \rightarrow -\infty} f(x) =$$

$$\lim_{x \rightarrow +\infty} f(x) =$$