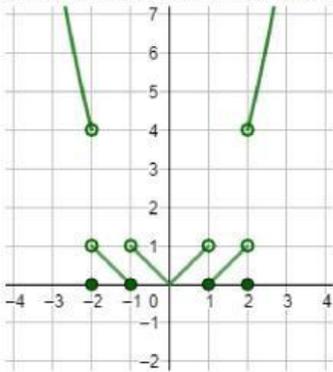


LIMITEEN KALKULUA (Grafikoki)

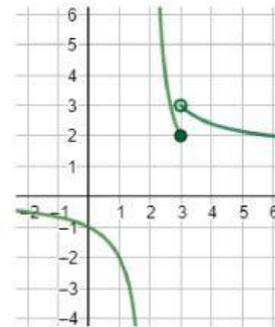
1) Ondoko funtzioak emanda kalkulatu eskatutako limiteak:



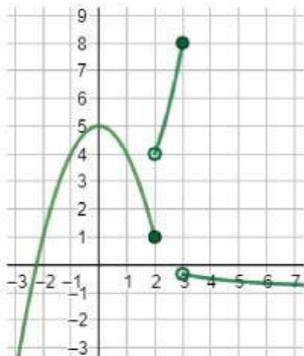
a) $\lim_{x \rightarrow (-2)^-} f(x) =$ $\lim_{x \rightarrow (-2)^+} f(x) =$ $f(-2) =$
 b) $\lim_{x \rightarrow (-1)^-} f(x) =$ $\lim_{x \rightarrow (-1)^+} f(x) =$ $f(-1) =$
 c) $\lim_{x \rightarrow 0^-} f(x) =$ $\lim_{x \rightarrow 0^+} f(x) =$ $f(0) =$
 d) $\lim_{x \rightarrow 1^-} f(x) =$ $\lim_{x \rightarrow 1^+} f(x) =$ $f(1) =$
 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) $\lim_{x \rightarrow 3^-} f(x) =$ $\lim_{x \rightarrow 3^+} f(x) =$ $f(3) =$

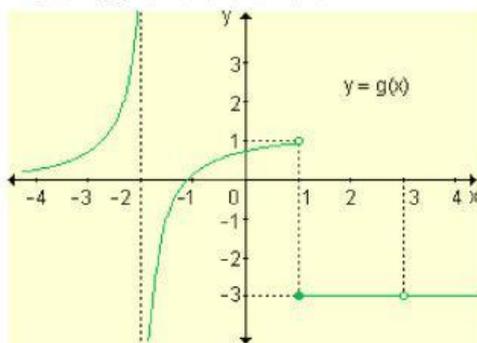


3)



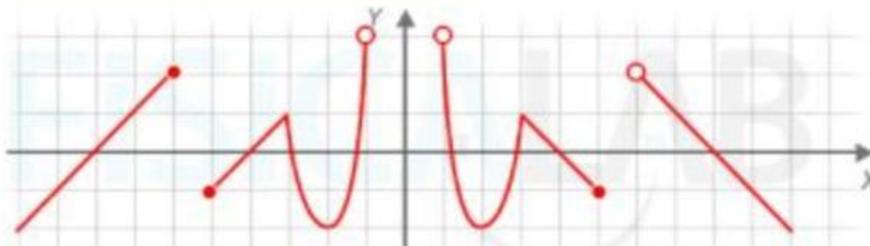
a) $\lim_{x \rightarrow 2^-} f(x) =$ $\lim_{x \rightarrow 2^+} f(x) =$ $f(2) =$
 b) $\lim_{x \rightarrow 3^-} f(x) =$ $\lim_{x \rightarrow 3^+} f(x) =$ $f(3) =$
 c) $\lim_{x \rightarrow -\infty} f(x) =$ $\lim_{x \rightarrow +\infty} f(x) =$

4)



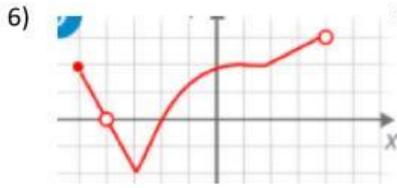
a) $\lim_{x \rightarrow (-2)^-} g(x) =$ $\lim_{x \rightarrow (-2)^+} g(x) =$ $g(-2) =$
 b) $\lim_{x \rightarrow 1^-} g(x) =$ $\lim_{x \rightarrow 1^+} g(x) =$ $g(1) =$
 c) $\lim_{x \rightarrow 2^-} g(x) =$ $\lim_{x \rightarrow 2^+} g(x) =$ $g(2) =$
 d) $\lim_{x \rightarrow 3^-} g(x) =$ $\lim_{x \rightarrow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

5)

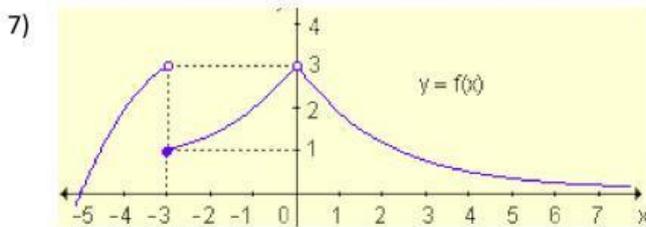


a) $\lim_{x \rightarrow (-6)^-} f(x) =$ $\lim_{x \rightarrow (-6)^+} f(x) =$ $f(-6) =$
 b) $\lim_{x \rightarrow (-5)^-} f(x) =$ $\lim_{x \rightarrow (-5)^+} f(x) =$ $f(-5) =$
 c) $\lim_{x \rightarrow (-1)^-} f(x) =$ $\lim_{x \rightarrow (-1)^+} f(x) =$ $f(-1) =$
 d) $\lim_{x \rightarrow 1^-} f(x) =$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

e) $\lim_{x \rightarrow 5^-} f(x) =$ $\lim_{x \rightarrow 5^+} f(x) =$ $f(5) =$
 f) $\lim_{x \rightarrow 6^-} f(x) =$ $\lim_{x \rightarrow 6^+} f(x) =$ $f(6) =$

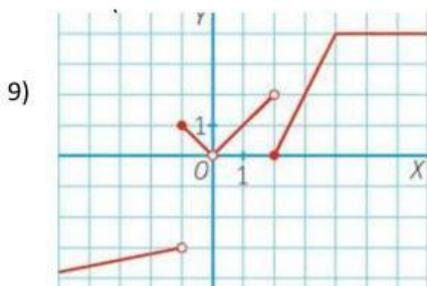
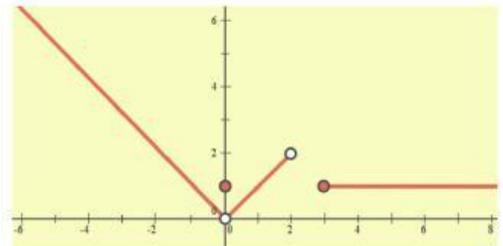


a) $\lim_{x \rightarrow (-5)^-} f(x) =$ $\lim_{x \rightarrow (-5)^+} f(x) =$ $f(-5) =$
 b) $\lim_{x \rightarrow (-4)^-} f(x) =$ $\lim_{x \rightarrow (-4)^+} f(x) =$ $f(-4) =$
 c) $\lim_{x \rightarrow 4^-} f(x) =$ $\lim_{x \rightarrow 4^+} f(x) =$ $f(4) =$
 d) $\lim_{x \rightarrow -\infty} f(x) =$ $\lim_{x \rightarrow +\infty} f(x) =$



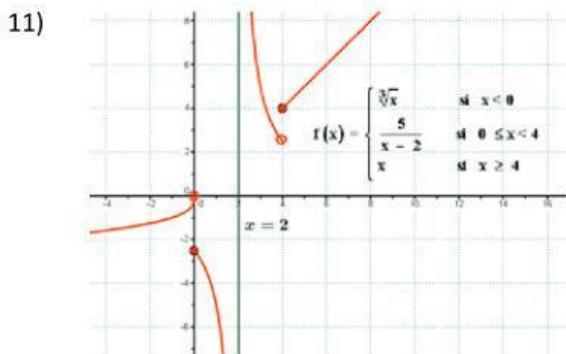
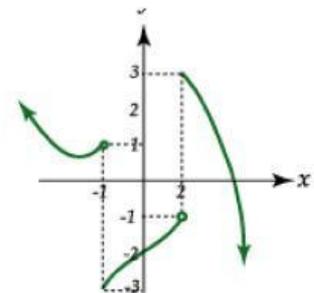
a) $\lim_{x \rightarrow (-3)^-} f(x) =$ $\lim_{x \rightarrow (-3)^+} f(x) =$
 $f(-3) =$
 b) $\lim_{x \rightarrow 0^-} f(x) =$ $\lim_{x \rightarrow 0^+} f(x) =$
 $f(0) =$ $\lim_{x \rightarrow +\infty} f(x) =$

8) $\lim_{x \rightarrow 0^-} f(x) =$ $\lim_{x \rightarrow 0^+} f(x) =$ $f(0) =$
 $\lim_{x \rightarrow 2^-} f(x) =$ $\lim_{x \rightarrow 2^+} f(x) =$ $f(2) =$
 $\lim_{x \rightarrow 3^-} f(x) =$ $\lim_{x \rightarrow 3^+} f(x) =$ $f(3) =$
 $\lim_{x \rightarrow -\infty} f(x) =$ $\lim_{x \rightarrow +\infty} f(x) =$



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) $\lim_{x \rightarrow (-1)^-} f(x) =$ $\lim_{x \rightarrow (-1)^+} f(x) =$ $f(-1) =$
 $\lim_{x \rightarrow 0^-} f(x) =$ $\lim_{x \rightarrow 0^+} f(x) =$ $f(0) =$
 $\lim_{x \rightarrow 2^-} f(x) =$ $\lim_{x \rightarrow 2^+} f(x) =$ $f(2) =$
 $\lim_{x \rightarrow -\infty} f(x) =$ $\lim_{x \rightarrow +\infty} f(x) =$



$f(x) = \begin{cases} \sqrt[3]{x} & \text{if } x < 0 \\ \frac{5}{x-2} & \text{if } 0 \leq x < 4 \\ x & \text{if } x \geq 4 \end{cases}$

$\lim_{x \rightarrow 0^-} f(x) =$ $\lim_{x \rightarrow 0^+} f(x) =$ $f(0) =$
 $\lim_{x \rightarrow 1^-} f(x) =$ $\lim_{x \rightarrow 1^+} f(x) =$ $f(1) =$
 $\lim_{x \rightarrow 2^-} f(x) =$ $\lim_{x \rightarrow 2^+} f(x) =$ $f(2) =$
 $\lim_{x \rightarrow 3^-} f(x) =$ $\lim_{x \rightarrow 3^+} f(x) =$ $f(3) =$
 $\lim_{x \rightarrow -\infty} f(x) =$ $\lim_{x \rightarrow +\infty} f(x) =$