Make-up Quiz 1

This is a preview of the published version of the quiz

Started: Nov 3 at 9:16am

Quiz Instructions

Question 1

1 pts

Find the limit $\lim_{x \to 4} \frac{x^2 - 16}{x^2 - 2x - 8}$

Question 2

1 pts

Determine whether f is even, odd, or neither even nor odd: $f(x) = x^4 - x^8$

Question 3

1 pts

Find the domain and range of the function $g(x) = \sqrt{8 - x^3}$.

- $D = (-\infty, 2], \quad R = [0, \infty)$
- $D = [2, \infty), \quad R = (-\infty, 0]$
- $D = (-2, 0], \quad R = [-2, \infty)$
- $D = [-2, 2], \quad R = [0, \infty)$

Question 4

1 pts

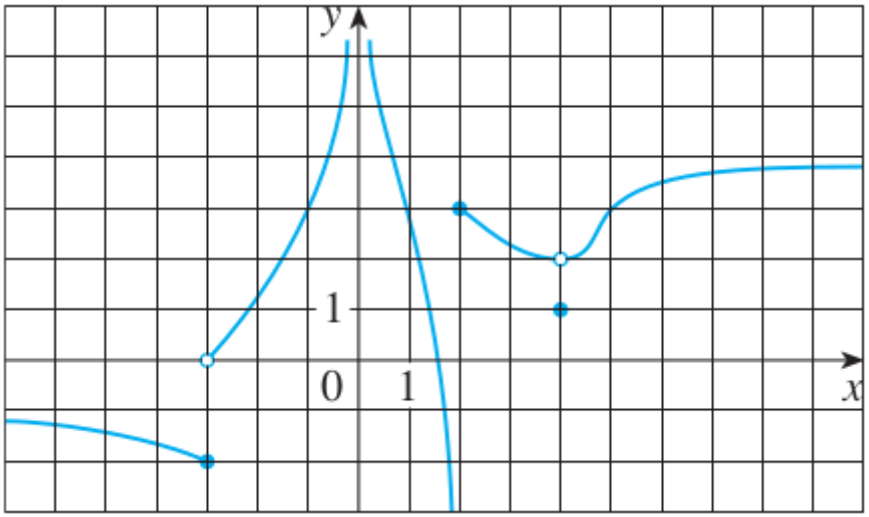
Find the limit $\lim_{x \to \infty} \left(\sqrt{x^2 + 2x + 1} - x\right)$

- 1
- 3
- 4
- 2

Question 5

1 pts

Find the limit $\lim_{x \to -3} f(x)$



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