

1 What a limit is — Part 1 — Answers

Answers

Work through these after you have tried the questions yourself.

2.1 the value that $f(x)$ approaches as x gets close to a .

2.2 $\lim_{x \rightarrow 3}(x + 4) = 3 + 4 = 7$.

2.3 $\lim_{x \rightarrow 2}(x^2 - 1) = 4 - 1 = 3$.

2.4 yes – the graph can still approach a value from both sides even if the exact point is missing.

2.5 the function must approach the same value from the left and from the right.