

Limits Values and Rates: Explore and Explain



Use the matching sheet ID when checking answers.

Explore the material. Talk through your reasoning with suitable support.

1. Simplify $f(x)$ and state the excluded x value.

Answer: $x + 1$; $x \neq 1$

2. Find the limit of $f(x)$ as x approaches 1.

Answer: 2

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.