

## Inverse Functions and Restricted Domains: Explore and Explain



Use the matching sheet ID when checking answers.

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

1. For  $f(x) = 2x + 3$ , find  $f(4)$ .

Answer: 11

2. For its inverse, find  $f^{-1}(11)$ .

Answer: 4

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