







Find the inverse algebraically. Restrict the domain if the function is not one-to-one. Complete the table.

|  |  |  |
| --- | --- | --- |
| $$f\left(x\right)=2(x+5)^{3}-3$$ | $$f\left(x\right)=2(x+5)^{3}-3$$ | $$f^{-1}\left(x\right)=$$ |
| D: |  | D: |
| : | R: |



33. f(x): D: (-∞, ∞) R: (-∞, ∞)

 f-1(x) = $\sqrt[3]{\frac{x+3}{2}}-5$

 D: (-∞, ∞) R: (-∞, ∞)