

Precalculus Section 5.2 Exercises

Show that the given function is one-to-one and find its inverse.

1. $f(x) = \frac{2-x}{4} - 8$

2. $f(x) = 9 - 2\sqrt{x-3}$

3. $f(x) = -2(x-3)^2 + 1, x \geq 3$

4. $f(x) = \frac{2x-3}{x+2}$