

D4 HW

Date _____

Find the inverse of each function. Then determine whether or not the functions are inverses.

1) $h(n) = 5 + \frac{10}{3}n$

2) $f(n) = \frac{10 + 3n}{5}$

3) $f(n) = \frac{-3n - 9}{8}$

4) $g(n) = -2n - 4$

5) $f(x) = x^3$

6) $h(n) = -2(n - 3)^3$

$$7) g(x) = \sqrt[5]{x+1} + 2$$

$$8) f(n) = (n+2)^5 + 1$$

$$9) g(x) = -2x^3 + 3$$

$$10) f(x) = 2(x+1)^3$$