

Assignment

Date _____ Period _____

State if the given functions are inverses.

1) $g(n) = \frac{-5n - 25}{9}$

$f(n) = \frac{-25 - 9n}{5}$

2) $f(x) = -5 - \frac{4}{3}x$

$g(x) = -\frac{3}{4}x - \frac{15}{4}$

3) $g(n) = \frac{-2n - 8}{9}$

$f(n) = \frac{-n + 4}{8}$

4) $g(n) = -2 - \frac{5}{4}n$

$f(n) = -\frac{4}{5}n - \frac{8}{5}$

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

6) $f(x) = x + 2$
 $g(x) = -4x + 4$