

Inverse or not

Date _____ Period _____

State if the given functions are inverses.

1) $f(n) = -\frac{5}{2}n - \frac{5}{2}$

$h(n) = -1 - \frac{2}{5}n$

2) $f(x) = -\frac{4}{5}x - \frac{12}{5}$

$g(x) = -8x + 4$

3) $f(n) = \sqrt[5]{n-3} + 2$
 $g(n) = (n-2)^5 + 3$

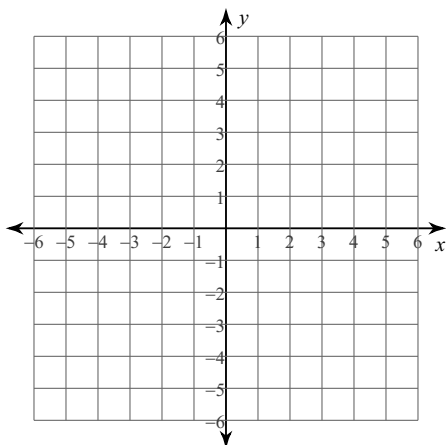
4) $h(n) = (n+2)^5$
 $f(n) = \sqrt[5]{n} - 2$

5) $f(x) = 2x - 2$
 $h(x) = x + 2$

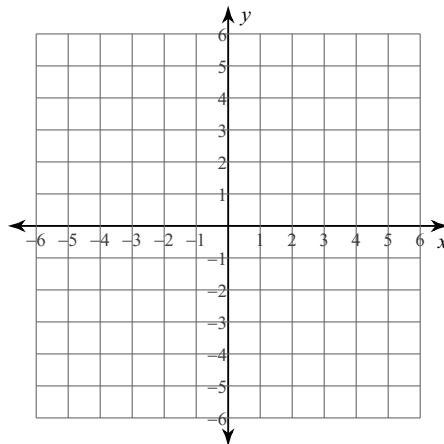
6) $h(n) = \sqrt[3]{n}$
 $f(n) = n^3$

Graph the given function, by making a table of values, then graph the inverse.
Use TWO different colors when graphing.

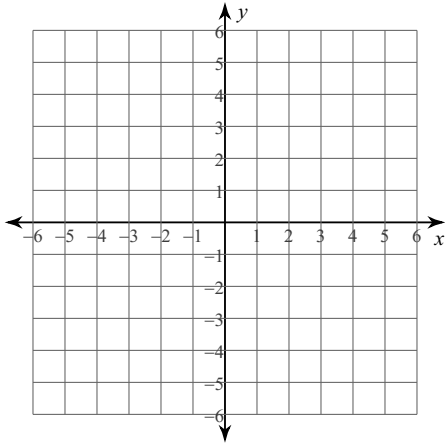
7) $y = 3x + 2$



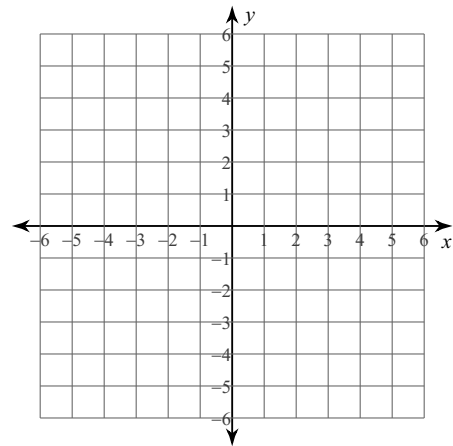
8) $y = -\frac{9}{5}x - 4$



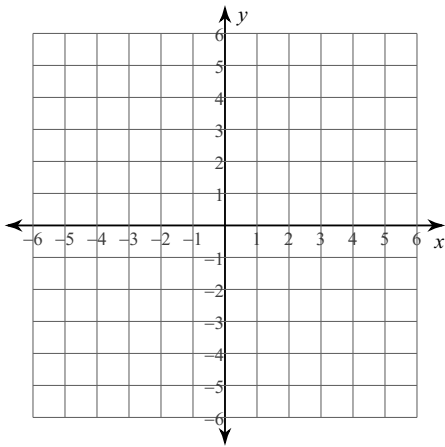
9) $y = -1$



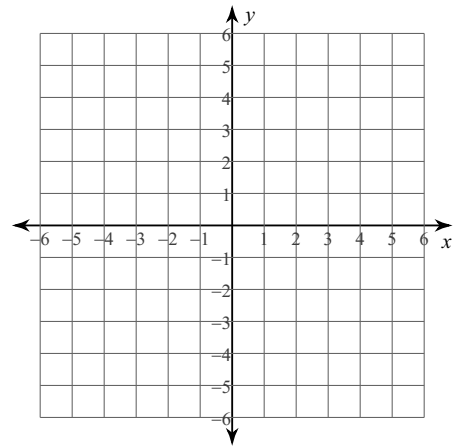
10) $y = \frac{2}{5}x + 2$



11) $y = -2x - 3$



12) $y = -x + 3$



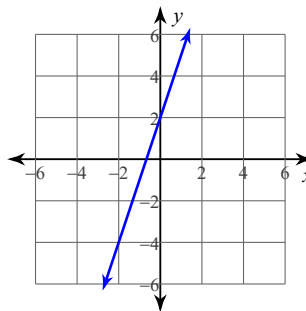
Answers to Inverse or not (ID: 1)

1) Yes
5) No

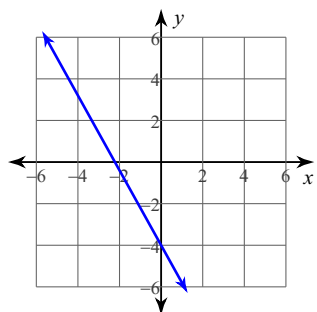
2) No
6) Yes

3) Yes
7)

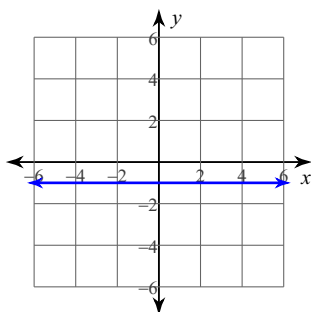
4) Yes



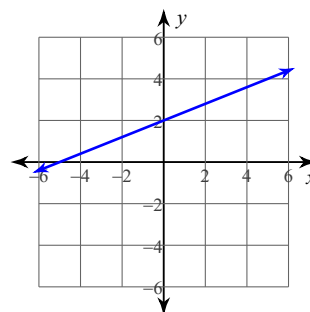
8)



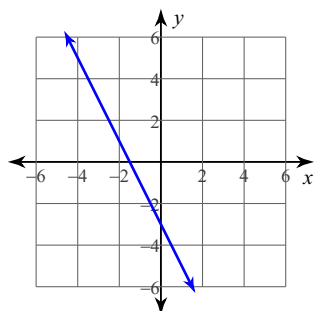
9)



10)



11)



12)

