Algebra 2

Name_____

Musical Chairs #1

Date_____ Period_____
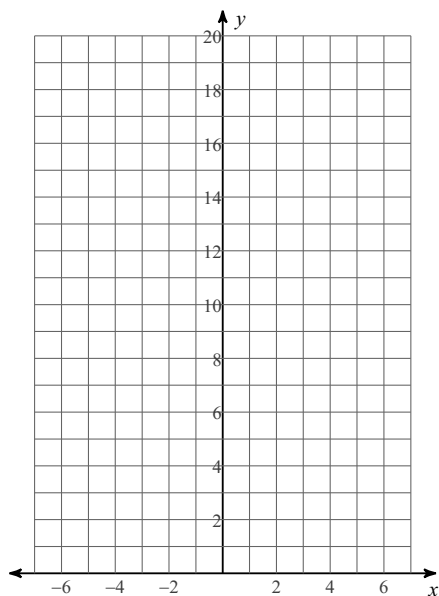
State if the given functions are inverses. Show all work.

1) $g(x) = -\dfrac{2}{3}x - 2$

$f(x) = \dfrac{-20 + 7x}{4}$

Sketch the graph of each function.

2) $y = 2 \cdot \left(\dfrac{1}{2}\right)^x$

Perform the indicated operation.
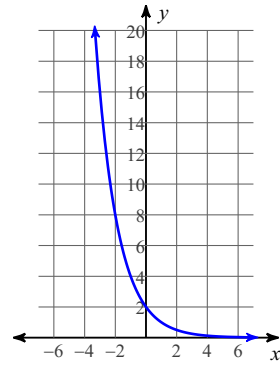
3) $h(x) = -3x^3 + 2x^2$
$g(x) = x + 3$
Find $(h \circ g)(-6)$

Answers to Musical Chairs #1

1) No

2)

3) 99