Evaluating Composition of Two Functions

A) If $f(x) = \dfrac{2x}{3-x}$, $g(x) = 2x^2 - 4x + 4$ and $h(x) = \dfrac{x}{8}$, evaluate the following.

1) $h(f(-3))$

2) $h(g(1))$

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B) If $f(x) = 14$, $g(x) = 5x^4 + 1$ and $h(x) = x^2 - x$, evaluate the following.

1) $(g \circ g)(0)$

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C) If $f(x) = x - 6$ and $g($

1) $(f \circ g)(-9)$

_____   _____

3) Is $(f \circ g)(-9) = (g \circ$ _____

D) 1) If $g(x) = 8x - 1$ and $h(x) = \dfrac{}{3^x - 1}$, which of the following represents $g(h(2))$?

   i) -1 ii) 4 iii) 2 iv) 0

2) If $f(x) = \log_{10} x$ and $h(x) = x^3 + 9x$, which of the following represents $(h \circ f)(10)$?

   i) 9 ii) 10 iii) -1 iv) 1