11 Make x the subject of $\dfrac{x^3 + a}{c - x^3} = \dfrac{4}{3}$

$x =$ ....

(Total for Question 11 is 3 marks)

12 Given that $6 \times 5^{3k + 4} = 750$
find the exact value of k.

$k =$ ....

(Total for Question 12 is 3 marks)