Evaluating Exponential Functions

A) Evaluate each function at the specified value.

1) $f(x) = 3 \cdot 5^{(7+x)}; x = -6$

2) $f(x) = (-9)^{(-3+x)}; x = 4$

3)

B)

1)

3) If $f(x) = -5 \cdot 5^{(4-x)}$, find $f(3)$.

4) If $f(x) = 10 - 2^x$, find $f(5)$.

C) What is the value of $f(7)$ if $f(x) = 4^{(8-x)} - 12$?

    i)   18   ii)   8   iii)   −8   iv)   9