Function Tables | Linear Functions

A) Complete each function table.

1) $f(x) = 7x - 6$

x	$f(x)$
−6	**−48**
0	**−6**
2	**8**
4	**22**
10	**64**

2) $f(x) = 4x + 8$

x	$f(x)$
−13	**−44**
−2	**0**
5	**28**
6	**32**
7	**36**

3) $f(x) = 2x$

x	$f(x)$
−9	**−18**
−4	**−8**
−1	**−2**
1	**2**
14	**28**

B) Complete the function table using the function rule $f(x) = 3x - 2$, and answer the following questions.

x	−5	−3	4	7	10
$f(x)$	**−17**	**−11**	**10**	**19**	**28**

i) What is the value of $f(x)$ if x is 0?

−2

ii) What is the value of $f(6)$?

16

iii) What is the value of $f(x)$ if x is 2?

4

iv) What is the value of $f(-7)$?

−23