Function Tables | Linear Functions

A) Complete each function table.

1) $f(x) = -4 - 3x$

x	$f(x)$
−15	**41**
−7	**17**
6	**−22**
10	**−34**
12	**−40**

2) $f(x) = 13 - 5x$

x	$f(x)$
−2	**23**
3	**−2**
4	**−7**
6	**−17**
8	**−27**

3) $f(x) = x - 5$

x	$f(x)$
−11	**−16**
−8	**−13**
−6	**−11**
7	**2**
9	**4**

B) Complete the function table using the function rule $f(x) = 5x + 1$, and answer the following questions.

x	−3	2	3	5	6
$f(x)$	**−14**	**11**	**16**	**26**	**31**

i) What is the value of $f(-4)$?

    −19

ii) What is the value of $f(x)$ if x is 1?

    6

iii) What is the value of $f(x)$ if x is −8?

    −39

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

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