

## Function Table - Linear Function

A) Complete each function table.

1)  $f(x) = -2x + 9$

| $x$ | $f(x)$ |
|-----|--------|
| -9  |        |
|     | 11     |
| 0   |        |
|     | 1      |
| 10  |        |

2)  $f(x) = x - 14$

| $x$ | $f(x)$ |
|-----|--------|
|     | -24    |
| -7  |        |
|     | -20    |

3)  $f(x) = 1 + 6x$

| $x$ | $f(x)$ |
|-----|--------|
| 1   |        |
| 2   |        |
|     | 31     |
|     | 37     |
| 8   |        |

B) Complete the function table and answer the following questions:

|        |  |
|--------|--|
| $x$    |  |
| $f(x)$ |  |

i) What is the value of  $x$  if  $f(x) = 43$ ?

\_\_\_\_\_

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\_\_\_\_\_ - 5x and answer the

|   |     |
|---|-----|
| 7 |     |
|   | -52 |

\_\_\_\_\_ value of  $x$ , if  $f(x) = 43$ ?

\_\_\_\_\_

C) Complete the function table:

|        |       |           |            |
|--------|-------|-----------|------------|
| $f(x)$ | $-7x$ | $-5 + 3x$ | $10x + 11$ |
|        | 35    |           |            |
|        |       | -5        |            |
|        |       |           | 71         |