

Function Table - Quadratic Function

A) Complete each function table.

1) $f(x) = 4x(3 - 2x)$

| x | $f(x)$ |
|-----|--------|
| -7 | |
| -5 | |
| -3 | |
| 0 | |
| 1 | |

2) $f(x) = 3x^2 - 8x + 5$

| x | $f(x)$ |
|-----|--------|
| -2 | |

3) $f(x) = (3x - 2)(3x + 2)$

| x | $f(x)$ |
|-----|--------|
| -9 | |
| -8 | |
| -4 | |
| -3 | |
| -2 | |

B) Complete the function table and answer the following question

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

i) What is the value of $f(2)$ and answer the following question

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_____ and answer the following question

| | |
|---|---|
| 2 | 5 |
| | |

_____ value of $f(9)$?

C) Complete the function table.

| | | | |
|---------|------------|-----------------|-------------|
| $f(x)$ | $14 - x^2$ | $x^2 - 7x + 12$ | $8x + 2x^2$ |
| $f(-4)$ | | | |
| $f(3)$ | | | |
| $f(6)$ | | | |