

Function Table - Quadratic Function

A) Complete each function table.

1) $f(x) = 12 - 3x^2$

| x | $f(x)$ |
|-----|--------|
| -8 | |
| -5 | |
| 0 | |
| 1 | |
| 2 | |

2) $f(x) = 6x^2 + 5x - 1$

| x | $f(x)$ |
|-----|--------|
| -4 | |

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

| x | $f(x)$ |
|-----|--------|
| -9 | |
| -7 | |
| -3 | |
| 4 | |
| 5 | |

B) Complete the function table and answer the following question.

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

i) What is the value of $f(-8)$?

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_____ $0x^2$ and answer the

| | |
|---|---|
| 1 | 2 |
| | |

_____ value of $f(-8)$?

C) Complete the function table.

| | | | |
|---------|-------------------|------------|-----------------|
| $f(x)$ | $(x - 13)(x + 1)$ | $x^2 + 12$ | $3x^2 + 5x - 8$ |
| $f(-6)$ | | | |
| $f(-3)$ | | | |
| $f(-1)$ | | | |