Linear Functions - Function Table

Complete the function tables.

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

x	0	3	−1	−5
f(x)				

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

x	−2	4	−1	2
f(x)				

3) $f(x) = 4x^2$

x	4	−3	7	−1
f(x)				

Find the value of each function for f(−6).

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

_____   _____

3) $f(x) = 5x + 7$ 4) $f(x) = -x^3$

_____   _____

Linear Functions - Function Table

Answer key

FT:II:07

Complete the function tables.

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

x	0	3	−1	−5
f(x)	**5**	**−4**	**4**	**−20**

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

x	−2	4	−1	2
f(x)	**−3**	**15**	**−5**	**1**

3) $f(x) = 4x^2$

x	4	−3	7	−1
f(x)	**64**	**36**	**196**	**4**

Find the value of each function for f(−6).

1) $f(x) = 6x^2$

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2) $f(x) = x^2 + 2$

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3) $f(x) = 5x + 7$

-23

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

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