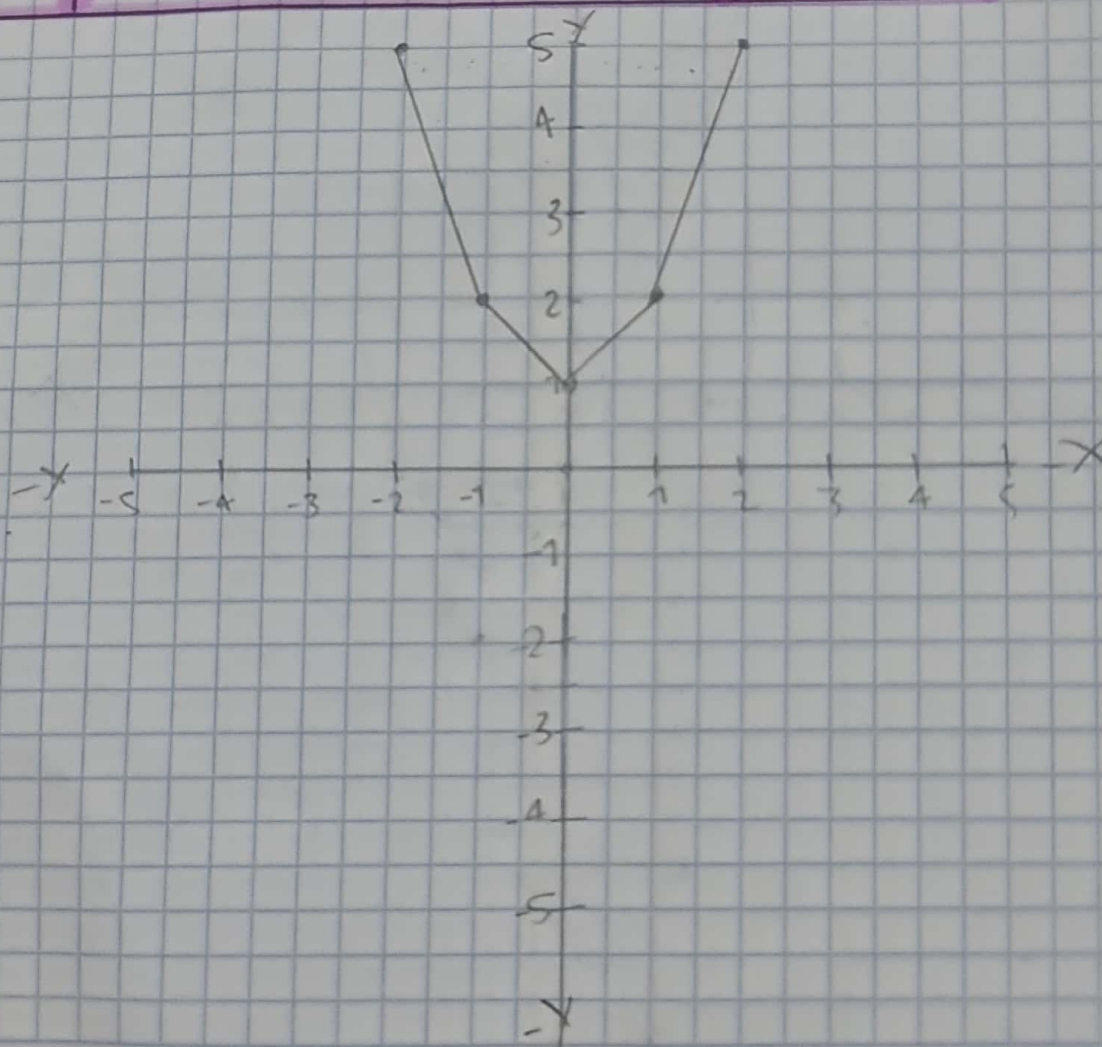


Lección 5: Semana 14

Realizar las siguientes gráficas.

1. $y = x^2 + 1$ de -2 a 2

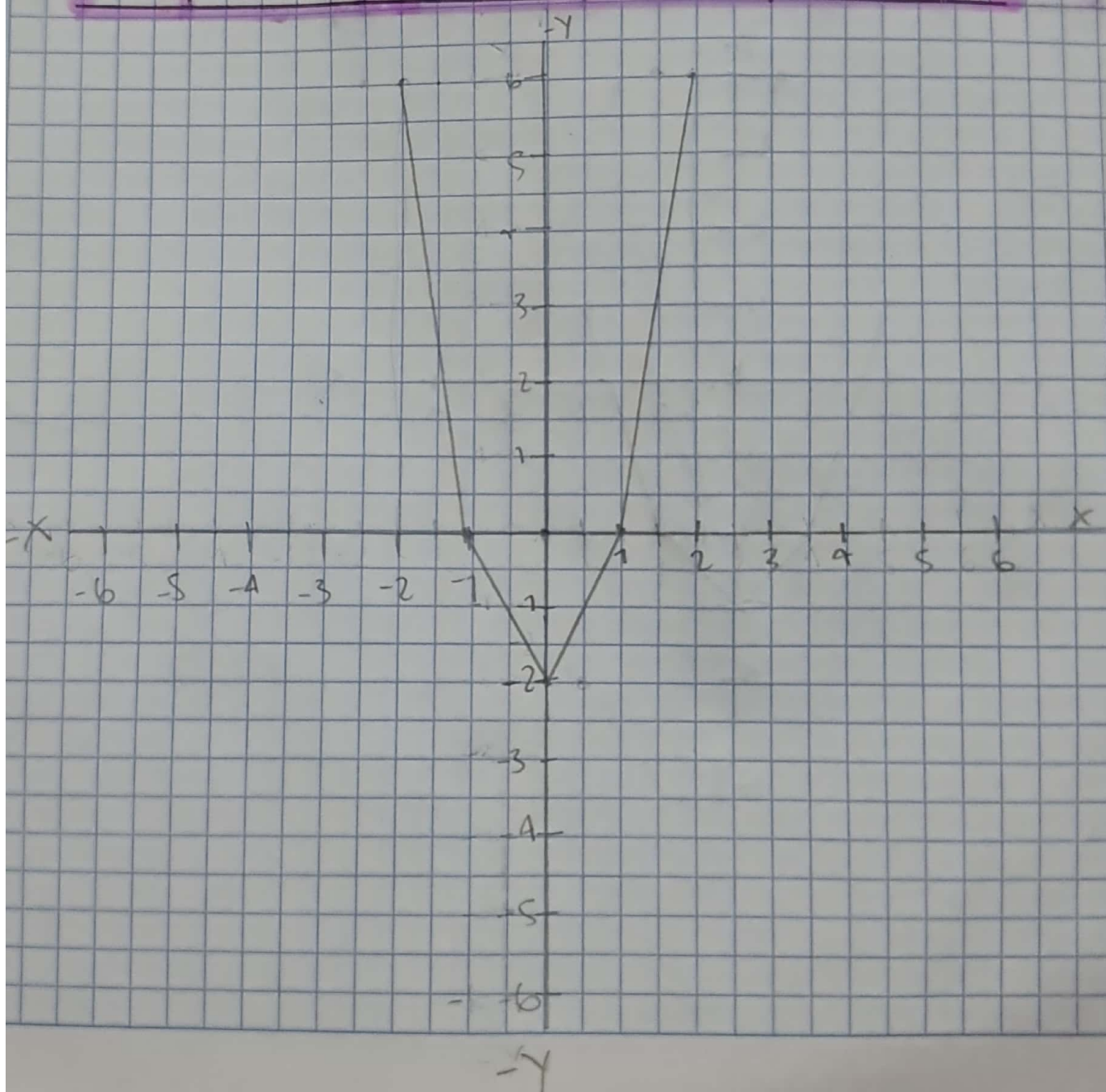
x	$f(x) = x^2 + 1$	(x, y)
-2	$f(-2) = (-2)^2 + 1 = 5$	$(-2, 5)$
-1	$f(-1) = (-1)^2 + 1 = 2$	$(-1, 2)$
0	$f(0) = (0)^2 + 1 = 1$	$(0, 1)$
1	$f(1) = (1)^2 + 1 = 2$	$(1, 2)$
2	$f(2) = (2)^2 + 1 = 5$	$(2, 5)$



2 $y = 2x^2 - 2$

de -2 a 2

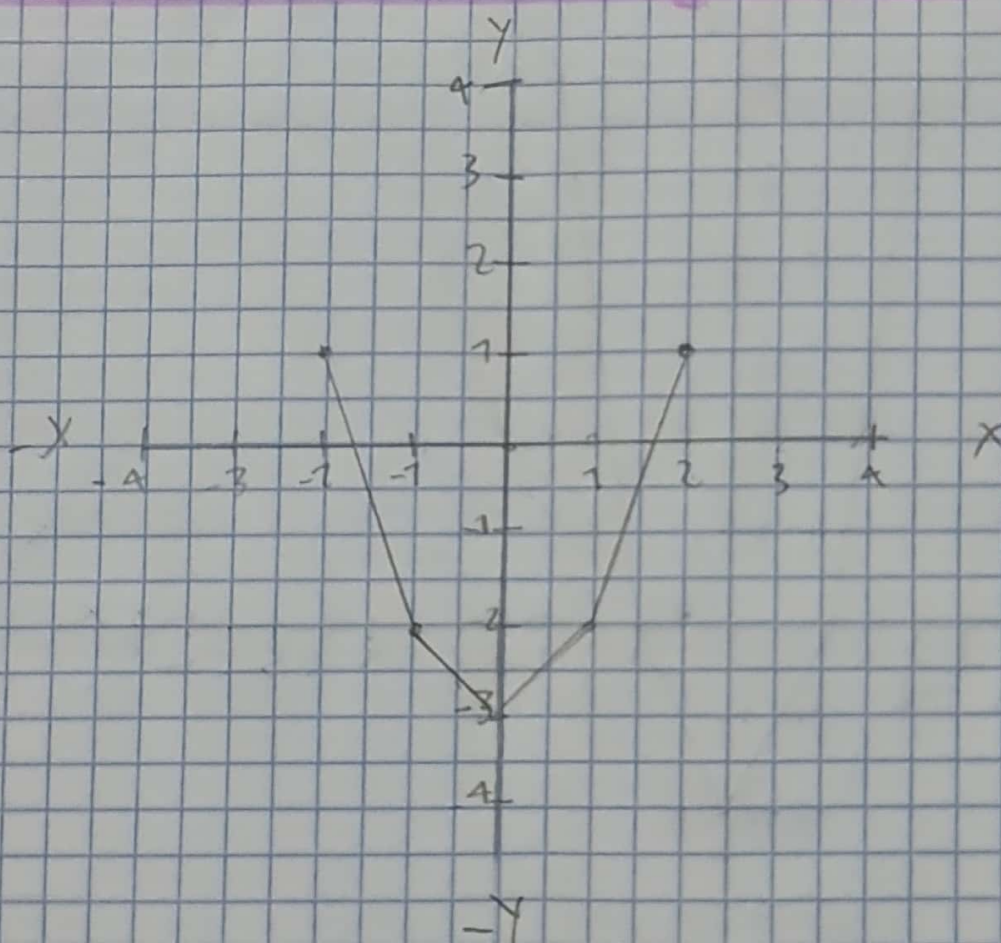
X	$F(x) = 2x^2 - 2$	(x, y)
-2	$F(-2) = 2(-2)^2 - 2 = 6$	$(-2, 6)$
-1	$F(-1) = 2(-1)^2 - 2 = 0$	$(-1, 0)$
0	$F(0) = 2(0)^2 - 2 = -2$	$(0, -2)$
1	$F(1) = 2(1)^2 - 2 = 0$	$(1, 0)$
2	$F(2) = 2(2)^2 - 2 = 6$	$(2, 6)$



3. $y = x^2 - 3$

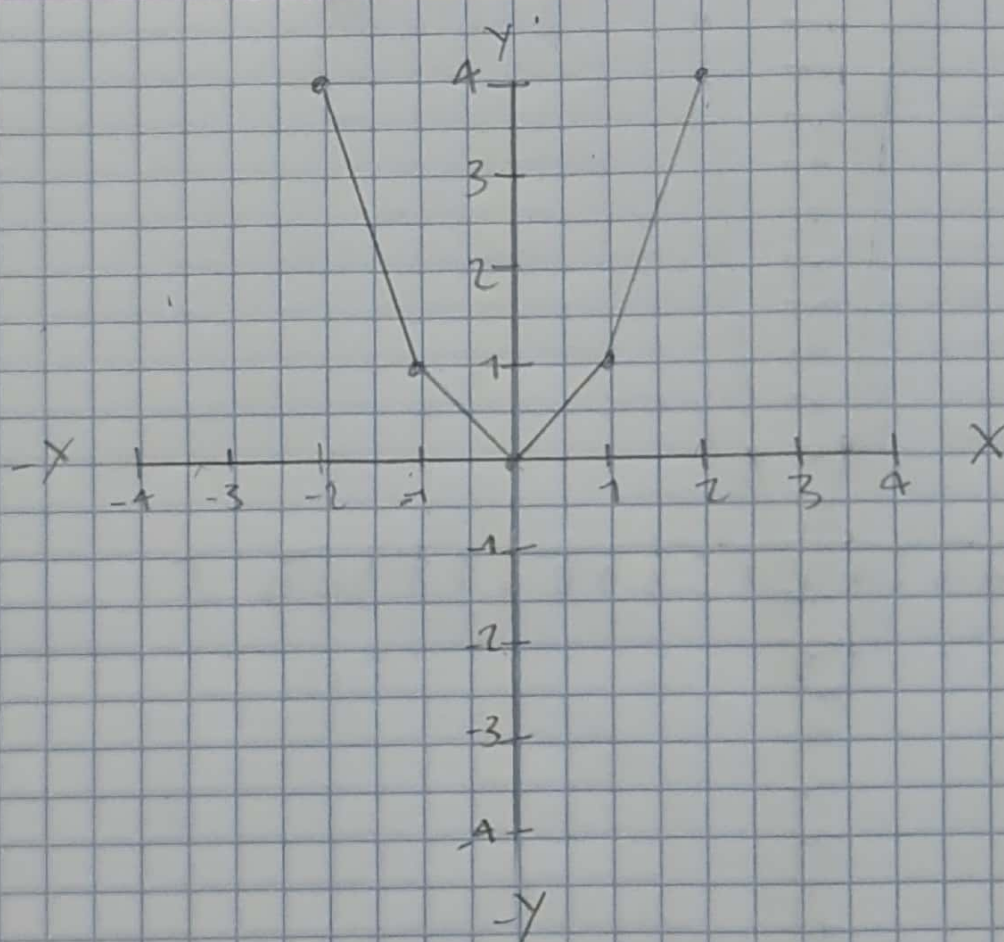
de -2 a 2.

x	$F(x) = x^2 - 3$	(x, y)
-2	$F(-2) = (-2)^2 - 3 = 1$	$(-2, 1)$
-1	$F(-1) = (-1)^2 - 3 = -2$	$(-1, -2)$
0	$F(0) = (0)^2 - 3 = -3$	$(0, -3)$
1	$F(1) = (1)^2 - 3 = -2$	$(1, -2)$
2	$F(2) = (2)^2 - 3 = 1$	$(2, 1)$



A $y = (-x)^2$ de -2 a 2

X	$f(x) = (-x)^2$	(x, y)
-2	$f(-2) = (-2)^2 = 4$	$(-2, 4)$
-1	$f(-1) = (-1)^2 = 1$	$(-1, 1)$
0	$f(0) = (0)^2 = 0$	$(0, 0)$
1	$f(1) = (-1)^2 = 1$	$(1, 1)$
2	$f(2) = (-2)^2 = 4$	$(2, 4)$



9. $y = 3x^2 - 1$

de -2 a 2.

x	$f(x) = 3x^2 - 1$	(x, y)
-2	$f(-2) = 3(-2)^2 - 1 = 11$	$(-2, 11)$
-1	$f(-1) = 3(-1)^2 - 1 = 2$	$(-1, 2)$
0	$f(0) = 3(0)^2 - 1 = -1$	$(0, -1)$
1	$f(1) = 3(1)^2 - 1 = 2$	$(1, 2)$
2	$f(2) = 3(2)^2 - 1 = 11$	$(2, 11)$

