



Warm Up Grade 8
Before Quiz



1) Use substitution for $y = -5x + 1$ using $x = -2, -1, 0, 1, 2$ (Show work)
You can use your calculators but show work for first 3 entries.

Input x	Output $-5x + 1$	Ordered Pairs
-2	11	(-2, 11)
-1	6	(-1, 6)
0	1	(0, 1)
1	-4	(1, -4)
2	-9	(2, -9)

$$\begin{aligned}
 & x = -2 & x = -1 \\
 & -5x + 1 & -5x + 1 \\
 & -5(-2) + 1 & -5(-1) + 1 \\
 & \cancel{-10} + 1 & \cancel{5} + 1 \\
 & 11 & 6 \\
 & x = 0 \\
 & -5x + 1 \\
 & -5(0) + 1 \\
 & \cancel{0} + 1
 \end{aligned}$$