

Teaching Aid for Problem 2.3D: Troy's Calculator

Troy is working with the equation $y = 100 - 3x$. He is trying to find a value of x that corresponds to $y = 22$.

He writes the following question:

“What is x if $100 - 3x = 22$?”

Explain how Troy can use the following table or graph to answer this question.

X	Y ₁
21	37
22	34
23	31
24	28
25	25
26	22
27	19

$Y_1 = 100 - 3X$

