

2-3 Meaning of Slope and

Intercepts

Pull & Ungroup

Becky had \$4 in her piggy bank.
Every day Becky placed \$2 in
her bank.



verbal description

slope(m)____
meaning of slope_____

y-intercept(b)____
meaning of y-intercept_____

Meaning of Slope and Intercepts

Pull & Ungroup

A lawn care company charges \$55 to fertilize a lawn plus
\$15 for each bag of fertilizer it uses.

slope(m)____
meaning of slope_____

y-intercept(b)____
meaning of y-intercept_____

Writing Your Own Questions Questions That Can Be Answered from the Data

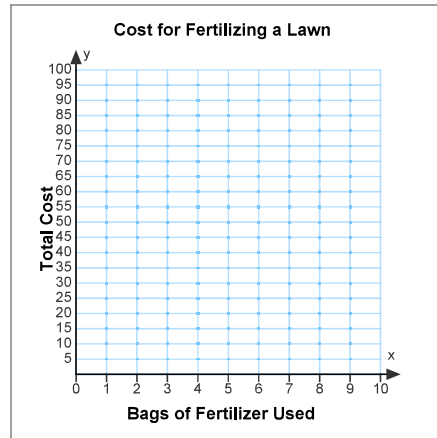
A lawn care company charges \$55 to fertilize a lawn plus \$15 for each bag of fertilizer it uses.

1. Write the equation in function notation.

2. How much would the total cost be if 6 bags of fertilizer are used?

3. Mary's total lawn bill was \$160. How many bags of fertilizer were used?

$$y = 15x + 55$$



Verbal Expression

Olivia averages 45 words per minute typing. When she started typing, there were already 90 words on the page.

Equation in function notation

$f(x) =$

Slope (m) _____
meaning of the slope _____

Y-intercept (b) _____
meaning of the y-intercept _____

Table

X	Y

Graph

