

## 5-3 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\_\_\_\_\_

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

### Graph

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?



### 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

