

NOTE: Do Now should fit on front page only!

First Last Name

Per. —

Date

Do Now - Day 6

- ① Determine the order of operations (S, PEMDAS) in the following student work

$$\begin{array}{l} g(x) = 7 - 3(x+4) - x^2 \\ g(-5) = 7 - 3(-5+4) - (-5)^2 \\ g(-5) = 7 - 3(-1) - 25 \\ g(-5) = 7 + 3 - 25 \\ g(-5) = 10 - 25 \\ g(-5) = -15 \end{array}$$

S,  
P  
E  
M  
D  
A  
S

Scale document down

- ② Identify and correct the error in Karina's work.

②  $f(x) = 100 - 25(2+x)$  Corrected work:

$$f(-1) = 100 - 25(2-1)$$

$$f(-1) = 100 - 25(-1)$$

$$f(-1) = 100 - 25$$

$$f(-1) = 75$$

Karina's error is because

- ③ Evaluate  $g(0)$  when  $g(x) = -4x^2 - 3x - 7$ .

- ④ Create a function notation problem and solve it.