

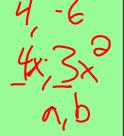
Sep 9-5:29 PM

Homework Answers

- 1) 26
- 2) 38
- 3) -15
- 4) 32

Vocabulary

• Constant- a number with no coefficient attached



- Coefficient- the numerical factor in a variable term
- Variable- letter (x, y, z, etc.) that represents a number
- Term- A single number or variable or both combined
- Expression- math phrase that may include numbers, variables, and operations

Sep 9-6:57 PM

Now Let's Put it all Together!!

$$7x^2 - 12x + 4$$

Terms: $7x^2$, -12x, 4

Coefficients: 7, 12

Constants: 4

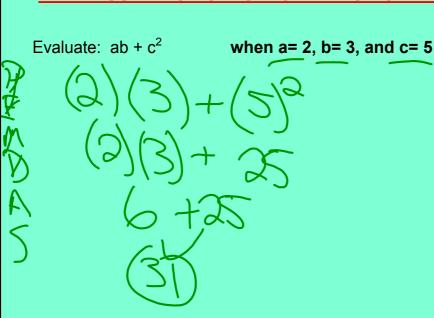
Now Try on your Own

Identify the <u>Terms</u> of each expression and the <u>Coefficient</u> of each term

Sep 10-10:21 AM

Substituting in for Variables

If a= 3, then 3 may be replaced in for "a" in any expression *MAKE SURE TO FOLLOW ORDER OF OPERATIONS*



Sep 10-10:28 AM

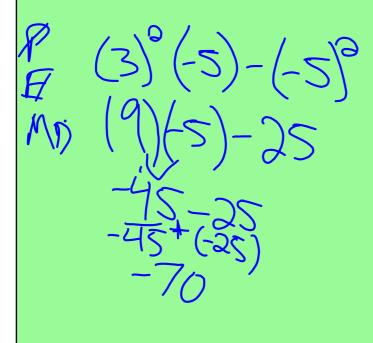
MAKE SURE TO FOLLOW ORDER OF OPERATIONS

Evaluate: $3x^2 - 5x$ when x = -3

Sep 10-10:36 AM

MAKE SURE TO FOLLOW ORDER OF OPERATIONS

Evaluate: $a^2b - b^2$ when a= 3 and b= -5



Sep 10-10:44 AM

MAKE SURE TO FOLLOW ORDER OF OPERATIONS

Evaluate: $2(n + m)^2 + k$ When n= 5, m= -2, and k=4

Sep 10-10:41 AM