

Factoring

Take out first – and .

Now look at the of the (not the).

$$ax^2 + bx + c$$

- , , and are
- is always to the squared
- is always to the (squared one)
- is always the with variable
- we call this a
- means the is .
(What is a degree? _____)
- This is an because there is no sign.
(What has an equal sign? _____)

To factor, we use the method

1. Multiply and put in the .
2. Put in the .
3. Put times your in and .
4. Find of times that to .
Find these by using calculator: table, edit function, ac/x, start 1, step 1, auto, enter enter
MAKE SURE YOU FOLLOW THE OF !
5. Put these two in and .
(the does)
6. your and columns
(use the button in your calculator)
7. Your answer is 2 using your , and go to .

