

BE-1B | MONDAY 2-26-07

AHSGE WORKBOOK

① Page 92 and 93 # 16 to 20

② Take out your homework or your "Reason", have ready for hand-in please... yes, now. THX.

①

Factoring Tips

- Combine ALL "like" terms
- * Pull GCF
- Look For DOS pattern
EX) $x^2 - 49 = (x+7)(x-7)$
EX) $4x^6 - 9y^2 = (2x^3+3y)(2x^3-3y)$
- If A "quadratic" $\Rightarrow ax^2 + bx + c$
then use "Magic Number" technique.
- 4 terms $\Rightarrow$ FBG

NOTE: You CAN (and should) check that you factored correctly by multiplying the factors and seeing if you get back the original expression.

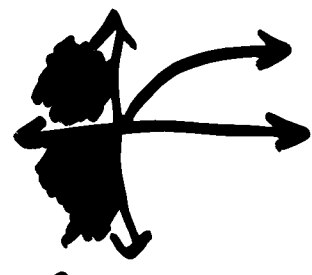
②

GRAPHING TICS

$x', y' \Rightarrow$ LINE

$x^2 \Rightarrow$  parabola

$|x| \Rightarrow$ 

$\sqrt{x} \Rightarrow$ 
h NO -x

NOTE: Pick 5 x 's $(-2, -1, 0, 1, 2)$
and find 5 y 's in a "T"
table to check SHAPE
of graph.