

# How to Format Homework—HONORS

Assignment Name & Section

Problem #'s: 1,2,3...

First and Last Name

Date

Period

① Simplify

$$(4x^2 - 2x^3 + 5x) - (3x^2 - 2x - 5x^4)$$
$$= 4x^2 - 2x^3 + 5x - 3x^2 + 2x + 5x^4$$
$$= 5x^4 - 2x^3 + x^2 + 7x$$

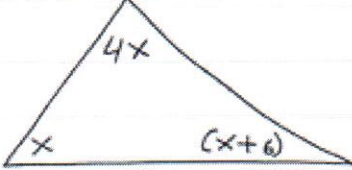
②  $6 + 3 \div (3 - 6)2 + 4$

$$= 6 + 3 \div (-3)2 + 4$$
$$= 6 + 3 \div (-6) + 4$$
$$= 6 + -2 + 4$$
$$= \boxed{8}$$

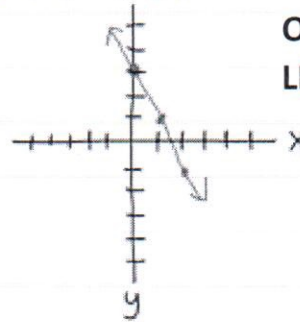
③ Find the product

$$(2x - 7)^2$$
$$= (2x - 7)(2x - 7)$$
$$= 4x^2 - 14x - 14x + 49$$
$$= 4x^2 - 28x + 49$$

④ Solve for  $x$


$$x + 4x + x + 6 = 180$$
$$6x + 6 = 180$$
$$\begin{array}{r} 6x + 6 = 180 \\ -6 \quad -6 \\ \hline 6x = 174 \\ \underline{\quad} \\ x = 29 \end{array}$$
$$x = 29^\circ$$

⑤ Graph  $f(x) = -2x + 3$



On the back

LEFT-HAND side!

Fold your paper in half  
WORK DOWN - Not Across

Write down the instructions to  
the problem and the problem

Show Your Work  
Be as neat as possible

Circle or box your answer

Skip a line between problems