

<b>Due:</b> see webpage <b>Late work will not be accepted.</b>
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Section: \_\_\_\_\_

**Factor** the following **completely**. Show work wherever a “step” is possible. If the expression does not factor, write “prime”. Make sure that the expression is factored completely.

(Hint: Only **one** of the expressions in this assignment is prime.)

1)  $x^2 + 4x - 12$

2)  $2x^2 - 12x + 10$

3)  $64x^2 - 121$

4)  $4x^2 - 18x - 10$

5)  $16x^2 + 25$

6)  $6x^4 - 11x^2 + 4$