

Please do not write in the margins of the page!

Instructions:

- Show ALL your work as specified in the problem. You must show work in order to receive credit.

Factor each polynomial completely:

1) $T^2 - 49$

2) $25x^2 - y^{16}$

3) Factor the polynomial using the AC method:

$$2y^2 - 7y + 5$$

First split the middle term in the correct way:

Then factor by grouping:
