Factoring Practice- Side 1 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Factor the following trinomials:

1. x2 + 7x + 12
2. x2 – 4x – 32
3. x2 - 18x + 80
4. x2 – 2x – 35
5. x2 – x – 110

Factor the following: (hint: difference of squares)

1. x2 – 16
2. 4x2 – 81
3. 9x2 – 144

Mixed Practice: Factor the following

1. x2 – x – 56
2. 4x2 – 49
3. 16x4 – 121
4. (x - 4) and (x + 12) are the factors of the polynomial p(x). What is the polynomial p(x)?

Factor by Grouping Practice – Side 2:



Exit Ticket: