

I can rewrite polynomials by factoring. I can factor by grouping into binomials and using GCF.

Strategy2: Factor by GROUPING

Consider $x^2 + 4x + 2x + 8$. Before you combine like terms, draw this computation out with algebra tiles and factor it.

Consider $x^2 - 2x - x + 2$. Before you combine like terms, draw this computation out with algebra tiles and factor it.

***To factor by grouping,**

1)

2)

3)

Check:

For example, factor $21 - 7y + 3y - y^2$

I can rewrite polynomials by factoring. I can factor by grouping into binomials and using GCF.



Independent Practice: Factor the polynomial.

1. $x^2 + 7x + 2x + 14$

2. $y^2 + 5y - 2y - 10$

3. $4ab + 8b + 3a + 6$

4. $15a - 3ab + 4b - 20$

5. $x^3 + 6x^2 - 4x - 24$

6. $a^2 - 12 + 3a - 4a$

