

1.3 - Factoring Trinomials + GCF

1. $x^2 + 8x + 15$

$$(x+3)(x+5)$$

2. $x^2 - 12x - 28$

$$(x-14)(x+2)$$

3. $2u^2 + 8u$

$$2u(u+4)$$

GCF

4. $16x^5y^3 - 12xy^4 + 24x^3y$

$$4xy(4x^4y^2 - 3y^3 + 6x^2)$$

5. $3x^2 + 3x - 60$

$$3(x^2 + x - 20)$$

$$3(x+5)(x-4)$$

6. $-8x^3 + 16x^2 + 4$

$$-4(2x^3 - 4x^2 - 1)$$