Name: **Date:**

FACTORING TRINOMIALS Worksheet # 1- Problems

No.	Problem	Answer Key
1.	Factor The Trinomial: $x^2 - 7x + 12$	
2.	Factor The Trinomial: $y^2 + 3y + 2$	
3.	Factor The Trinomial: $x^2 - 2x - 15$	
4.	Factor The Trinomial: $a^2 + 7a + 6$	
5.	Factor The Trinomial: $y^2 - 10y + 21$	
6.	Factor The Trinomial: $2x^2 + 8x + 6$	
7.	Factor The Trinomial: $3x^2 - 10x - 8$	
8.	Factor The Trinomial: $2x^2 - 17x + 8$	
9.	Factor The Trinomial: $x^2 + 8xy + 12y^2$	
10.	Factor The Trinomial: $3x^2 - xy - 14y^2$	
11.	Factor The Trinomial: $3h^2 + 19hk - 14k^2$	
12.	Factor The Trinomial: $12x^2 - 25xy + 12y^2$	

Name: **Date:**

FACTORING TRINOMIALS Worksheet # 1- Answers

No.	Problem	Answer Key
13.	Factor The Trinomial: $x^2 - 7x + 12$	$(x - 4)(x - 3)$
14.	Factor The Trinomial: $y^2 + 3y + 2$	$(y + 1)(y + 2)$
15.	Factor The Trinomial: $x^2 - 2x - 15$	$(x - 5)(x + 3)$
16.	Factor The Trinomial: $a^2 + 7a + 6$	$(a + 1)(a + 6)$
17.	Factor The Trinomial: $y^2 - 10y + 21$	$(y - 7)(y - 3)$
18.	Factor The Trinomial: $2x^2 + 8x + 6$	$(2x + 2)(x + 3)$
19.	Factor The Trinomial: $3x^2 - 10x - 8$	$(x - 4)(3x + 2)$
20.	Factor The Trinomial: $2x^2 - 17x + 8$	$(x - 8)(2x - 1)$
21.	Factor The Trinomial: $x^2 + 8xy + 12y^2$	$(x + 6y)(x + 2y)$
22.	Factor The Trinomial: $3x^2 - xy - 14y^2$	$(3x - 7y)(x + 2y)$
23.	Factor The Trinomial: $3h^2 + 19hk - 14k^2$	$(3h - 2k)(h + 7k)$
24.	Factor The Trinomial: $12x^2 - 25xy + 12y^2$	$(3x - 4y)(4x - 3y)$