

**Factor****Binomials****Difference of Two Squares**

1. *factor*  $(2x + 3)^2 - (a - 1)^2$

2. *factor*  $(7x + 10)^2 - (6y + 8)^2$

3. *factor*  $(3x - 4)^2 - (8y + 8)^2$

4. *factor*  $(3x - 10)^2 - (7y - 1)^2$

5. *factor*  $(5x + 2)^2 - (2y - 5)^2$

6. *factor*  $(7x - 5)^2 - (10y - 3)^2$

7. *factor*  $(2x + 3)^2 - (3y + 2)^2$

8. *factor*  $(4x - 2)^2 - (8y - 3)^2$

9. *factor*  $(6x - 4)^2 - (5y - 10)^2$

10. *factor*  $(2x + 4)^2 - (7y + 1)^2$

**Answers****Factor****Binomials****Difference of Two Squares**

1.  $(2x + a + 2)(2x - a + 4)$

2.  $(7x + 18 + 6y)(7x - 6y + 2)$

3.  $(3x + 4 + 8y)(3x - 8y - 12)$

4.  $(3x - 11 + 7y)(3x - 7y - 9)$

5.  $(5x - 3 + 2y)(5x - 2y + 7)$

6.  $(7x - 8 + 10y)(7x - 10y - 2)$

7.  $(2x + 5 + 3y)(2x - 3y + 1)$

8.  $(4x - 5 + 8y)(4x - 8y + 1)$

9.  $(6x - 14 + 5y)(6x - 5y + 6)$

10.  $(2x + 5 + 7y)(2x - 7y + 3)$