

## Worksheet 2.500

**Find each product.**

1)  $(5x - 8)(8x + 6)$

$$40x^2 - 34x - 48$$

3)  $(4x - 8)(4x + 5)$

$$16x^2 - 12x - 40$$

5)  $(3x + 5)(x - 6)$

$$3x^2 - 13x - 30$$

7)  $(x - 4)(8x - 2)$

$$8x^2 - 34x + 8$$

9)  $(2a + 1)(5a - 1)$

$$10a^2 + 3a - 1$$

11)  $(3n + 1)(8n + 1)$

$$24n^2 + 11n + 1$$

13)  $(6a - 8b)(4a + b)$

$$24a^2 - 26ab - 8b^2$$

15)  $(7x - 4y)(6x - 2y)$

$$42x^2 - 38xy + 8y^2$$

17)  $(2n + 5)(5n^2 - 4n + 1)$

$$10n^3 + 17n^2 - 18n + 5$$

19)  $(x - 3)(4x^2 + 5x - 1)$

$$4x^3 - 7x^2 - 16x + 3$$

2)  $(7p - 2)(6p - 4)$

$$42p^2 - 40p + 8$$

4)  $(8x + 4)(3x + 5)$

$$24x^2 + 52x + 20$$

6)  $(6r - 8)(4r - 1)$

$$24r^2 - 38r + 8$$

8)  $(x + 7)(6x - 3)$

$$6x^2 + 39x - 21$$

10)  $(x + 7)(x - 5)$

$$x^2 + 2x - 35$$

12)  $(5n + 4)(6n + 3)$

$$30n^2 + 39n + 12$$

14)  $(7x + 2y)(3x + 2y)$

$$21x^2 + 20xy + 4y^2$$

16)  $(7u - v)(2u - 4v)$

$$14u^2 - 30uv + 4v^2$$

18)  $(5v - 4)(3v^2 + 2v - 1)$

$$15v^3 - 2v^2 - 13v + 4$$

20)  $(3p - 3)(3p^2 + 4p - 1)$

$$9p^3 + 3p^2 - 15p + 3$$