

Worksheet # 1:

Use FOIL To Multiply the Binomial

1.  $(4x - 5)(x - 3)$

6.  $(5x + 2)(4x + 4)$

2.  $(4x - 4)(x - 4)$

7.  $(3x - 3)(x - 2)$

3.  $(2x + 2)(3x + 5)$

8.  $(4x + 1)(3x + 2)$

4.  $(4x - 2)(3x + 3)$

9.  $(5x + 3)(3x + 4)$

5.  $(x - 1)(2x + 5)$

10.  $(3x - 3)(3x + 2)$

Worksheet # 1:Answers

1.  $(4x - 5)(x - 3)$   $4x^2 - 17x + 15$

2.  $(4x - 4)(x - 4)$   $4x^2 - 20x + 16$

3.  $(2x + 2)(3x + 5)$   $6x^2 + 16x + 10$

4.  $(4x - 2)(3x + 3)$   $12x^2 + 6x - 6$

5.  $(x - 1)(2x + 5)$   $2x^2 + 3x - 5$

6.  $(5x + 2)(4x + 4)$   $20x^2 + 28x + 8$

7.  $(3x - 3)(x - 2)$   $3x^2 - 9x + 6$

8.  $(4x + 1)(3x + 2)$   $12x^2 + 11x + 2$

9.  $(5x + 3)(3x + 4)$   $15x^2 + 29x + 12$

10.  $(3x - 3)(3x + 2)$   $9x^2 - 3x - 6$