Çarpanlara Ayırma

1) $(x - y)^2 = (y - x)^2$

2) $x^2 - y^2 = (x - y).(x + y)$

3) $(x + y)^2 = x^2 - 2xy + y^2$

4) $(x - y)^2 = x^2 + 2xy + y^2$

5) $(x + y - z)^2 = x^2 + y^2 + z^2 + 2(xy - xz - yz)$

6) $x^2 + 2y = (x + y)^2 - y^2$

7) $(x + y)^3 = x^3 + 3x^2y + 3xy^2 + y^3$

8) $(x - y)^3 = x^3 - 3x^2y + 3xy^2 - y^3$

9) $x^3 - y^3 = (x - y).(x^2 + xy + y^2)$

10) $x^3 - y^3 = (x - y)^3 + 3xy.(x - y)$

11) $x^3 + y^3 = (x + y).(x^2 - xy + y^2)$

12) $x^3 + y^3 = (x + y)^3 - 3xy.(x + y)$