

Difference of Two Squares**Factoring a Difference of Two Squares (DoTS)**

$$x^2 - a^2 = (x + a)(x - a)$$

How to recognize a Perfect Square Binomial

- Two terms must be present
- There must be a minus sign
- Both terms must be perfect squares

Perfect Square Table:

n	1	2	3	4	5	6	7	8	9	10
n ²	1	4	9	16	25	36	49	64	81	100