

Ortak Çarpan Parantezine Alma

Verilen ifadenin her teriminde ortak bir çarpan varsa,
ifade bu çarpanın parantezine alınır.

$$P(x) \cdot Q(x) \pm P(x) \cdot R(x) = P(x) [Q(x) \pm R(x)]$$

1.

$$4ab^2 + 12a^2b$$

3.

$$x(1 - 2y) + 2x(1 - 2y)$$

2.

$$a^2b - 6ab^2 - 3ab$$

4.

$$(3x - 1) \cdot (a - b) + (x - 1) \cdot (b - a)$$

5.

$$(x + y).a + (x + y).b + (x + y)$$

6.

$$(a - b)^2 + 3(b - a)$$

7.

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

8.

$$m(a + b) - a - b$$

9.

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

10.

$$(x - y)^2.(z - x) - (x - z)^2.(x - y)$$

11.

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

12.

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

13.

$$(a - b)(a - 4) + (b - a)(b + 2)$$

15.

$$(2x - 3)^2 + (x + 6)(2x - 3)$$

14.

$$(3x - 2) \cdot (y + 1) - (2 - 3x)(2y + 3)$$

16.

$$(x - 2y)^2(z - x) - (2y - x)(x - z)$$