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## 20 Problems in Multiplying a Polynomial by a Polynomial

(Part 1)

## PROBLEMS

Find each indicated product.

1. $(a+b)(c+d)$.
2. $(a-b)(c-d)$.
3. $(a+b)(a+b)$.
4. $(a-b)(a-b)$.
5. $(a+b)(a-b)$.
6. $(a+b)(a+b)(a+b)$.
7. $(a-b)(a-b)(a-b)$.
8. $(a+b)\left(a^{2}-2 a b+b^{2}\right)$.
9. $(a-b)\left(a^{2}+2 a b+b^{2}\right)$.
10. $(a+b+c)(a+b+c)$.
"Only he who never plays, never loses."
