

Algebra I Practice Quiz Adding | Subtracting | Multiplying

Add | Subtract the polynomials. Be sure to write in standard form. Polynomials

① $(6n^2 + 4n + 6) - (5n^2 + n + 2)$

② $2(t^2 + 5) - 3(t^2 + 5) + 5(t^2 + 5)$

③ $-10(u + 1) + 8(u - 1) - 3(u + 6)$

④ $(3m + m^3 - 2m^5) + (7m^3 + m^5 - 1)$

Find the product
⑤ $x^2(3x - 7)$

⑥ $(5x^2 - 4x)(-3x)$

⑦ $(2t + 7)(t + 5)$

⑧ $(x - 1)(x + 8)$

⑨ $(6x - 9)(4x^2 + 1)$

⑩ $(x + 12)^2$

⑪ $(t + 4)(t - 4)$

⑫ $(6x + 5y)(6x - 5y)$

⑬ $(x - 9)(x - 9)$

Find the area and perimeter of each figure.

