1. What is the result of $(4x - 8) + (x + 16)$?

   a. $4x + 8$

   b. $5x + 8$

   c. $4x + 24$

   d. $5x + 16$

2. What is the result of $(-2x^3 + x) + (3x - 6)$?

   a. $-6x - 6$

   b. $-2x^3 - 6$

   c. $-2x^3 + 4x$

   d. $-2x^3 + 4x - 6$

3. What is the result of $(x^2 - 10x) - (-5x^2 + x)$?

   a. $-4x^2 - 9x$

   b. $-4x^2 - 11x$

   c. $6x^2 + 9x$

   d. $6x^2 - 11x$

4. What is the result of $(-x + 2)(x + 3)$?

   a. $-x^2 - x + 6$

   b. $x^2 + 5x + 6$

   c. $-x^2 + 6$

   d. $x^2 - 6$

5. What is the result of $(x^2 + 1)(-x^3 - 4x + 2)$?

   a. $x^5 - 5x^3 + 2x^2 + 4x + 2$

   b. $-x^5 - 5x^3 + 2x^2 - 4x + 2$

   c. $-x^4 - 4x^3 + 2x^2$

   d. $-x^6 - 4x^4 + 2x^2 + 2$