

- 1 解答 (1) $6x+3y+5z$ (2) a^3-6a^2-3a+1
- 2 解答 (1) $-x^3-7x^2-2x+4$ (2) $2x^2+7x+xy-3y^2+8y+3$
(3) $-2x^4+9x^3-23x^2+27x-20$
- 3 解答 (1) $A+B=2x-8y, A-B=4x-4z$
(2) $A+B=-2x^3+2x^2-7x-4, A-B=4x^3-2x^2+3x-2$
(3) $A+B=-a^2+4ab+4b^2, A-B=5a^2-6ab+6b^2$
(4) $A+B=4x^3+24xy^2, A-B=12x^2y+16y^3$
- 4 解答 (1) $5x^2+3x-11$ (2) $5x^2-7x$ (3) $3x^2-12x+13$
- 5 解答 (1) $2x+11y-10z$ (2) $-3x+8y-2z$
- 6 解答 (1) $-12a^5$ (2) $-10x^4y^7$ (3) a^6 (4) $-8x^9y^6$ (5) $-a^9b^5$
(6) $16x^5y^6z^7$
- 7 解答 (1) $6x^3+15x^2-8x-20$ (2) $4x^3-x^2-20x+5$ (3) x^3+x^2-5x+3
(4) a^3+a^2-8a-6 (5) $x^3-5x^2y+5xy^2+3y^3$
(6) $a^3+5a^2b+4ab^2-4b^3$
- 8 解答 (1) $x^2+8x+16$ (2) $16a^2+24a+9$ (3) $9x^2-6x+1$
(4) $a^2+14ab+49b^2$ (5) $4x^2-20xy+25y^2$ (6) a^2-9
(7) x^2-100 (8) $36a^2-b^2$ (9) $25x^2-4y^2$
- 9 解答 (1) x^2+3x+2 (2) x^2-2x-8 (3) x^2+4x-5 (4) a^2-5a+6
(5) $x^2+8ax+7a^2$ (6) $a^2+ab-12b^2$ (7) $a^2+ab-2b^2$
(8) $x^2-15xy+26y^2$
- 10 解答 (1) $b(a-3c)$ (2) $3ab(2a+b)$ (3) $2x^2(x+y-3)$ (4) $4xy(y-3x+2)$
- 11 解答 (1) $(x+1)(y+2)$ (2) $(a-1)(x-1)$ (3) $(x-y)(a+2)$
(4) $(2a-b)(3c-d)$
- 12 解答 (1) $(x+3)^2$ (2) $(a-7)^2$ (3) $(a+2b)^2$ (4) $(4x-y)^2$ (5) $(5x-2y)^2$
(6) $3(x-2y)^2$ (7) $(3a+4b)(3a-4b)$ (8) $(10x+7y)(10x-7y)$
(9) $2(5x+3y)(5x-3y)$ (10) $3(2ab+3)(2ab-3)$
- 13 解答 (1) $(x+3)(x+4)$ (2) $(x-5)(x-7)$ (3) $(a-2)(a+9)$
(4) $(x+3)(x-6)$ (5) $(y-1)(y-8)$ (6) $(y+3)(y-9)$
(7) $(t+2)(t+8)$ (8) $(x-5)(x-6)$ (9) $(y-4)(y+11)$
- 14 解答 (1) $(x+3y)(x+5y)$ (2) $(x-y)(x-8y)$ (3) $(x+4y)(x-6y)$
(4) $(x+2a)(x+10a)$ (5) $(x+4a)(x-9a)$ (6) $(x-4a)(x+12a)$
(7) $(a+2b)(a+9b)$ (8) $(a-4b)(a+5b)$ (9) $(a-6b)(a-7b)$