

1. **解答** (1) $5a+3$ (2) $8x+2$ (3) $6a+3$ (4) $-2x-5$

(1) $(3a+5)+(2a-2)=3a+5+2a-2$

$=3a+2a+5-2$

$=5a+3$

(2) $(5x-4)+(3x+6)=5x-4+3x+6$

$=5x+3x-4+6$

$=8x+2$

(3) $(7a+1)+(-a+2)=7a+1-a+2$

$=7a-a+1+2$

$=6a+3$

(4) $(4x-3)+(-6x-2)=4x-3-6x-2$

$=4x-6x-3-2$

$=-2x-5$

2. **解答** (1) $3a-6$ (2) $2x+8$ (3) $6a+6$ (4) $9x-3$

(1) $(4a-5)-(a+1)=4a-5-a-1$

$=4a-a-5-1$

$=3a-6$

(2) $(5x+4)-(3x-4)=5x+4-3x+4$

$=5x-3x+4+4$

$=2x+8$

(3) $(a+8)-(-5a+2)=a+8+5a-2$

$=a+5a+8-2$

$=6a+6$

(4) $(2x-6)-(-7x-3)=2x-6+7x+3$

$=2x+7x-6+3$

$=9x-3$

3. **解答** (1) $11x-3$ (2) $-5a-8$ (3) $2x-3$ (4) -6 (5) $16y-7$

(6) $3a+11$ (7) $x-3$

(1) $(4x-1)+(7x-2)=4x-1+7x-2$

$=4x+7x-1-2$

$=11x-3$

(2) $(-2a-5)-(3a+3)=-2a-5-3a-3$

$=-2a-3a-5-3$

$=-5a-8$

(3) $(-6x+2)+(-5+8x)=-6x+2-5+8x$

$=-6x+8x+2-5$

$=2x-3$

(4) $(-1-7a)+(-5+7a)=-1-7a-5+7a$

$=-7a+7a-1-5$

$=-6$

(5) $(3+12y)-(-4y+10)=3+12y+4y-10$

$=12y+4y+3-10$

$=16y-7$

(6) $(11a-3)+(14-8a)=11a-3+14-8a$

$=11a-8a-3+14$

$=3a+11$

(7) $(-15+6x)-(-12+5x)=-15+6x+12-5x$

$=6x-5x-15+12$

$=x-3$