1. $-\left[-\left(\frac{1}{2}ab-\frac{2}{3}b\right)+\frac{1}{6}ab\right]+\frac{5}{3}ab=$ $2ab-\frac{2}{3}b$
2. $(a-b)-[(4a+5b)-(3a-3b)]+(-9)=$ $-9b-9$
3. $-(-3a+2b)-\{[(7a-1)-(3a+2b)]-(3a+2)\}=$ $2a+3$
4. $-(2a)-\{-3a^5-[(2a^5-8a)+2a^4]\}+[-(5a^5-5a+a^4)-(a^4+a)]=$ $-6a$
5. $2a-\{3a^2-[2a(-a-b-5)+(-4a)(-2b)]\}=$ $-8a-5a^2+6ab$
6. $3a[2a(3ab-b)+ab(1-a)]=$ $15a^3b-3a^2b$
7. $3x(x^2-2y)-3y(y-4x)=$ $3x^3+6xy-3y^2$
8. $a^2(a-b)+5a^2b(3a-2)=$ $a^3+15a^3b-11a^2b$
9. $-3\{(-14a+3b)b-5[2ab(3a-2-b)-6a^2b]\}+9b(b+2a)=$ $-30ab^2$
10. $2a^2-\{[-(-2a)(2-3b)+8ab](-a)\}-3a(2a+6ab)=$ $-16a^2b$
11. $-3x\{[-(x+y)(-2y)+3xy](-2)\}+10x^2(-y)-y(4xy)=$ $20x^2y+8xy^2$
12. $4ab+(a-b)(a+2b)+2(-b)^2=$ a^2+5ab
13. $x^2-2(x-y)(x+y)+8(x^2-y^2)=$ $7x^2-6y^2$
14. $a(3a-3)+(3a-2ab)(1-a)=$ 0