1. $-2b-2h+3b+2b+b+2b+3h-3b = $ $3b+h$

2. $4fi-fi+fi^2+2fi-3f^3+3fi+fi+4fi^2 = $ $9fi+5fi^2-3f^3$

3. $-d+2d^3g^2-dg-2d^2g^3-d^3g+3d-4d^3g^2+2dg = $ $2d-2d^3g^2+dg-2d^2g^3-d^3g$

4. $-2a^2g^2+4a^4g^2-2ag-a^3g^4+a^4g^3-3a^2g^2+2a^4g^2+3ag = $ $-5a^2g^2+6a^4g^2+ag-a^3g^4+a^4g^3$

5. $c^2(1 + 3c) = $ $c^2 + 3c^3$

6. $a^4(1 - a - a^2 + 4) = $ $a^4 - a^5 - a^6 + 4a^4$

7. $k^3m(3 - 5m) = $ $3k^3m - 5k^3m^2$

8. $a^2d^3(- 5a^2d^2 + ad - 6 + 3d) = $ $- 5a^4d^5 + a^3d^4 - 6a^2d^3 + 3a^2d$

9. $(3d + 2b)(- 3d - 3b) = $ $- 9d^2 - 15bd - 6b^2$

10. $(- k^2 + 2ik)(2k^2 - i^2k) = $ $- 2k^4 + 4ik^3 + i^2k^3 - 2i^3k^2$

11. $(4ae^2 + ae)(a^3 + 2e^2) = $ $4a^4e^2 + a^4e + 8ae^4 + 2ae^3$

12. $(- 3f + fh^2)(- f^3h - h^4) = $ $3f^4h - f^4h^3 + 3fh^4 - fh^6$

13. $(- c^2f + 6c^4f)(- c + 2cf^2) = $ $c^3f - 6c^5f - 2c^3f^3 + 12c^5f^3$

14. $(e - a)^2 = $ $e^2 - 2ae + a^2$

15. $5b+b^3c^2-4b^6+3b^4c^3-6c^2+5b-2b^3c^2-b^6 = $ $10b-b^3c^2-5b^6+3b^4c^3-6c^2$

16. $a^2c^3(ac + 5c - 1 - 2ac^4) = $ $a^3c^4 + 5a^2c^4 - a^2c^3 - 2a^3c^7$

17. $(- 2c^2f - c^2f^3)(6c^4f^3 - 3c^6) = $ $- 12c^6f^4 - 6c^6f^6 + 6c^8f + 3c^8$