(1) a) b b) $2a$

c) $b-a$ d) y

(2) a) $b(3x-2y)$

b) $-5xb(4b+3x)$

c) $80acn+64abn-100cnx-80bnx$

d) $432abdnx+432adnxy-72abcnx-72acnxy$

(3) a) $48-8d+44ab+24a-112ad-36c+6cd+15bc-20b$

b) $30acx-60adx-20bcx+40bdx-12acy+24ady+8bcy-16bdy$

c) $8ab-4ad+30abx-18adx-24bc+12cd-90bcx+54cdx$

d) $20a^3x-8a^3y-5a^2x+2a^2y-20ax+8ay+5x-2y$

(4) a) $25x^2+30xy+9y^2$ b) a^2-81b^2

c) $25x^4+20x^2y+4y^2$ d) $16m^4-72m^2n^2+81n^4$

(5) a) $3a^2+4$ b) $a+1$

c) $16-72k^2+81k^4$ d) $81s^4-108rs^3-108r^2s^2-192r^3s-64r^4$