

(14) $(2x-y)(x-5)$. (15) $(3x+2y)(ax+by)$. (16) $(xy-z)(a-bc)$. (17) $(x^2+y^2)(a^2+b^2)$. (18) $(y^2+1)(y-1)$. (19) $(x^3+3)(x+1)$. (20) $(a+b+c)(x-y)$.

EXERCISE XXXVI.—(Page 40). A.—(1) $(x+2)(x+1)$. (2) $(a+3)(+4)$. (3) $(x+12)(x+8)$. (4) $(a+6)(a+17)$. (5) $(p+12)(p+18)$. (6) $(xy+5)(xy+26)$. (7) $(11+x)(7+x)$. (8) $(x+6)(x+7)$. (9) $(x+2y)(x+3y)$. (10) $(a+2b)(a+7b)$. (11) $(x+24y)(x+25y)$. (12) $(m+13n)(m+30n)$. (13) $(p+8q)(p+27q)$. (14) $a(1+2a)(1+3a)$. (15) $3(x+7)(x+8)$. (16) $(x-5)(x-6)$. (17) $(x-9)(x-10)$. (18) $(x-7)(x-8)$. (19) $(a-10)(a-11)$. (20) $(a-3)(a-15)$. (21) $(a-8)(a-13)$. (22) $(m-7n)(m-15n)$. (23) $(xy-4)(xy-13)$. (24) $(xy-11)(xy-12)$. (25) $(a-7b)(a-13b)$. (26) $(a-6bc)(a-15bc)$. (27) $(11-x)(10-x)$. (28) $(ax-11)(ax-13)$. (29) $7(x-7)(x-8)$. (30) $(ax-7)(ax-14)$.

B.—(1) $(x+16)(x-5)$. (2) $(x+11)(x-10)$. (3) $(a+26)(a-10)$. (4) $(ax+24)(ax-10)$. (5) $(a+12y)(x-5y)$. (6) $(a+7b)(a-6b)$. (7) $(m+13)(m-12)$. (8) $(a+15bx)(a-3bx)$. (9) $(x^2+18a^2)(x^2-12a^2)$. (10) $3a(x+17y)(x-5y)$. (11) $(x-15)(x+6)$. (12) $(x-19)(x+8)$. (13) $(a-35b)(a+3b)$. (14) $(a-24b)(a+4b)$. (15) $(m-13)(m+2)$. (16) $(m-8n)(m+7n)$. (17) $(xy-5z)(xy+2z)$. (18) $(11-ax)(15+ax)$. (19) $(20-a)(21+a)$. (20) $5x(a-13xy)(a+3xy)$.

EXERCISE XXXVII.—(Page 41). (1) $(x+9)^2$. (2) $(a+13)^2$. (3) $(m+17)^2$. (4) $(y+1)^2$. (5) $(z+10)^2$. (6) $(x^2+7)^2$. (7) $(x+6y)^2$. (8) $(m+11n)^2$. (9) $(x^3+12)^2$. (10) $(a-18)^2$. (11) $(p-16q)^2$. (12) $(a-15b)^2$. (13) $(2a-3b)^2$. (14) $(a-2x)^2$. (15) $(2ax-7c)^2$. (16) $(3am+5xy)^2$. (17) $(4ax^2-b^2c^3)^2$. (18) $(4xy+3z)^2$. (19) $(1-x^3)^2$. (20) $(3a-2)^2$. (21) $(a-bc)^2$. (22) $(5-4n)^2$. (23) $\{x(a^2+2y^2)\}^2$. (24) $(7x^3+3yz^2)^2$. (25) $(a^2b^2-\frac{1}{2})^2$. (26) $\{\sqrt{3}(ab-3)\}^2$. (27) $(a+b+c)^2$. (28) $(x+y-z)^2$. (29) $(a-b+5)^2$. (30) $(2m-3n-4p)^2$.

EXERCISE XXXVIII.—(Page 41). (1) $(x^2+x+1)(x^2-x+1)$. (2) $(a^2+a+1)(a^2-a+1)$. (3) (x^2+2x+7) .