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- (1) a) $(1-x)(1+x)$ b) $u(u-5)(u+5)$
c) $2xy(x-3y)(x+3y)$ d) $(7x+3)(3x-3)$
e) $(13t-3u)(7t+3u)$ f) $(a+1)(2a^2+a+1)$
- (2) a) $(a+e-b)(a+e+b)$ b) $(s-g-f)(s-g+f)$
c) $(x-3-y)(x-3+y)$ d) $(x-y+z)(x+y-z)$
e) $(2a-3x+y)(2a+3x-y)$ f) $(1-u-x)(1+u+x)$
- (3) a) $(x+3)(x+5)$ b) $(a+3)(a-4)$
c) $(r-7)(r-8)$ d) $(b+7)(b-4)$
e) $(h+9)(h+15)$ f) $(x^2+12)(x^2-9)$
- (4) a) $(3a-5)(a+6)$ b) $(3m+8)^2$
c) $(6x-5)(x-4)$ d) $(7y+2)(5y-1)$