842. Rastaviti na činioce sledeće kvadratne trinome:

a) $2x^2-5x-3$ b) $2x^2-9x-35$ c) $6a^2+11a+4$ d) $3y^2+20y+12$

a) $2x^2-5x-3=$
$2x^2-6x+x-3=$
$2x\cdot(x-3)+1\cdot(x-3)=$
$(x-3)\cdot(2x+1)$

b) $2x^2-9x-35=$
$2x^2-14x+5x-35=$
$2x\cdot(x-7)+5\cdot(x-7)=$
$(x-7)\cdot(2x+5)$

c) $6a^2+11a+4=$
$6a^2+3a+8a+4=$
$3a\cdot(2a+1)+4\cdot(2a+1)=$
$(2a+1)\cdot(3a+4)$

d) $3y^2+20y+12=$
$3y^2+18y+2y+12=$
$3y\cdot(y+6)+2y\cdot(y+6)=$
$(y+6)\cdot(3y+2)$