

1. Rastaviti na činioce:

a) $5ax + 5ay - x - y$
b) $(x - y)^2 - 16(x + y)^2$

a) $5ax + 5ay - x - y$
 $5a(x + y) - (x + y)$
 $(x + y) \cdot (5a - 1)$

b) $(x - y)^2 - 16(x + y)^2$
 $(x - y)^2 - (4(x + y))^2$
 $(x - y)^2 - (4x + 4y)^2$ ovo je razlika kvadrata
 $((x - y) - (4x + 4y)) \cdot ((x - y) + (4x + 4y))$
 $(x - y - 4x - 4y) \cdot (x - y + 4x + 4y)$
 $(-3x - 5y) \cdot (5x + 3y)$