

Factorization Worksheet

1) Factorize:

$$(x-3y)^2 - (3x-y)^2$$

2) Factorize:

$$81 - (2a-3)^2$$

3) Factorize:

$$a(a+b)^2 - a^2$$

4) Factorize:

$$16(x-y)^2 - 25y^2$$

5) Factorize:

$$49 - 4(x-3y)^2$$

6) Factorize:

$$4(x+y)^2 - (x-y)^2$$