

Factorization Worksheet

1) Factorize:

$$9(x-y)^2 - 4(x+y)^2$$

2) Factorize:

$$(3x-2)^2 - (x+1)^2$$

3) Factorize:

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

4) Factorize:

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

5) Factorize:

$$9(3a-2b)^2 - (2a+b)^2$$

6) Factorize:

$$4(2a+3b)^2 - 9(3a-2b)^2$$