

## Factorising The Difference of Two Squares

Factorise each of the following expressions, giving your answers as a pair of binomial factors.

1.  $4a^2 - 9$

2.  $x^2 - 25$

3.  $16f^2 - 49g^2$

4.  $81r^2 - 1$

5.  $36b^2 - 121c^2$

6.  $64a^2b^2 - 81x^2y^2$

7.  $1 - 144t^2$

8.  $196h^2 - 169w^2$

9.  $9d^2 - 4m^2$

10.  $25p^2q^2 - x^2y^2$