

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