

Factoring - Difference Between Two Perfect Squares

REMEMBER

Both terms must be perfect squares and there must be a minus sign between them.

Example: Factor: $25x^2 - 4$
 $(5x + 2)(5x - 2)$ ans.

1. Factor: $36x^2 - 49$

7. Factor: $y^2 - 144$

2. Factor: $x^2 - 100$

8. Factor: $81 - R^2$

3. Factor: $4a^2 - b^2$

9. Factor: $144y^2 - 49$

4. Factor: $16 - 25x^2$

10. Factor: $x^2 - y^2$

5. Factor: $121m^2 - 64n^2$

11. Factor: $a^2b^2 - 1$

6. Factor: $9x^2 - 1$

12. Factor: $4x^2 - 9$
