

**Expansion****Binomials/Special/Cases****Difference of Two Squares**

1.  $expand (x^2 + 1)(x^2 - 1)$

2.  $expand (x^2 + 5)(x^2 - 5)$

3.  $expand (u^3 + 2)(u^3 - 2)$

4.  $expand (x^3 + 2)(x^3 - 2)$

5.  $expand (a^2 + 3)(a^2 - 3)$

6.  $expand (a^2 + 4)(a^2 - 4)$

7.  $expand (a^2 + 1)(a^2 - 1)$

8.  $expand (a^3 + 5)(a^3 - 5)$

9.  $expand (x^3 + 1)(x^3 - 1)$

10.  $expand (u^3 + 4)(u^3 - 4)$

## Answers

### Expansion

#### Binomials/Special/Cases

#### Difference of Two Squares

1.  $x^4 - 1$

2.  $x^4 - 25$

3.  $u^6 - 4$

4.  $x^6 - 4$

5.  $a^4 - 9$

6.  $a^4 - 16$

7.  $a^4 - 1$

8.  $a^6 - 25$

9.  $x^6 - 1$

10.  $u^6 - 16$