



Questions?
Ask a live tutor now!

Ask Question 

Factor $x^2 - 1$

Question

$$x^2 - 1$$

Answer

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

$$(x - 1)(x + 1)$$

10. Factorization

[Factoring integer numbers](#)

[Factoring quadratic polynomi...](#)

[AC method](#)

[Perfect-square trinomial](#)

[Difference of squares](#)

[Rational roots test](#)

[Table of Contents](#)



Questions?
Ask a live tutor now!

Ask Question 

Factor $x^2 - 121$

Question

$$x^2 - 121$$

Answer

$$(x)^2 - (11)^2$$

$$(x - 11)(x + 11)$$

10. Factorization

[Factoring integer numbers](#)

[Factoring quadratic polynomi...](#)

[AC method](#)

[Perfect-square trinomial](#)

[Difference of squares](#)

[Rational roots test](#)

[Table of Contents](#)



Questions?
Ask a live tutor now!

Ask Question 

Factor $4x^2 - 49$

Question

$$4x^2 - 49$$

Answer

$$(2x)^2 - (7)^2$$

$$(2x - 7)(2x + 7)$$

10. Factorization

[Factoring integer numbers](#)

[Factoring quadratic polynomi...](#)

[AC method](#)

[Perfect-square trinomial](#)

[Difference of squares](#)

[Rational roots test](#)

[Table of Contents](#)



Questions?
Ask a live tutor now!

Ask Question 

Factor $9x^2 - 25$

Question

$$9x^2 - 25$$

Answer

$$(3x)^2 - (5)^2$$

$$(3x - 5)(3x + 5)$$

10. Factorization

[Factoring integer numbers](#)

[Factoring quadratic polynomi...](#)

[AC method](#)

[Perfect-square trinomial](#)

[Difference of squares](#)

[Rational roots test](#)

[Table of Contents](#)



Questions?
Ask a live tutor now!

Ask Question

Factor $4x^2 - 16$

Question

$$4x^2 - 16$$

$$4(x^2 - 4)$$

$$4[(x)^2 - (2)^2]$$

$$4(x - 2)(x + 2)$$

Answer

10. Factorization

[Factoring integer numbers](#)

[Factoring quadratic polynomi...](#)

[AC method](#)

[Perfect-square trinomial](#)

[Difference of squares](#)

[Rational roots test](#)

[Table of Contents](#)



Questions?
Ask a live tutor now!

Ask Question 

Factor $25x^2 - 81$

Question

$$25x^2 - 81$$

Answer

$$(5x)^2 - (9)^2$$

$$(5x - 9)(5x + 9)$$

10. Factorization

[Factoring integer numbers](#)

[Factoring quadratic polynomi...](#)

[AC method](#)

[Perfect-square trinomial](#)

[Difference of squares](#)

[Rational roots test](#)

[Table of Contents](#)