Factor: $x^3 + 64$

Factor: $x^3 - 8$

Factor: $x^3 - 64$

Factor: $x^3 - 1$

Factor: $x^3 + 8$

Factor: $x^3 - 27$

Factor: $x^3 + 1$

Factor: $x^3 + 27$

Factoring Sums & Differences of Cubes · 2

ANSWER

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

Factoring Sums & Differences of Cubes · 1

ANSWER

$$(x + 4)(x^2 - 4x + 16)$$

Factoring Sums & Differences of Cubes · 4

ANSWER

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

Factoring Sums & Differences of Cubes · 3

ANSWER

$$(x - 4)(x^2 + 4x + 16)$$

Factoring Sums & Differences of Cubes · 6

ANSWER

$$(x - 3)(x^2 + 3x + 9)$$

Factoring Sums & Differences of Cubes · 5

ANSWER

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

Factoring Sums & Differences of Cubes · 8

ANSWER

$$(x + 3)(x^2 - 3x + 9)$$

Factoring Sums & Differences of Cubes · 7

ANSWER

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

Factor: $x^3 - 125$

Factor: $x^3 - 216$

Factor: $27x^3 + 1$

Factor: $27x^3 + 64$

Factor: $27x^3 - 1$

Factor: $125x^3 + 1$

Factor: $x^3 + 216$

Factor: $125x^3 + 216$

Factoring Sums & Differences of Cubes · 10

ANSWER

$$(x - 6)(x^2 + 6x + 36)$$

Factoring Sums & Differences of Cubes · 9

ANSWER

$$(x - 5)(x^2 + 5x + 25)$$

Factoring Sums & Differences of Cubes · 12

ANSWER

$$(3x + 4)(9x^2 - 12x + 16)$$

Factoring Sums & Differences of Cubes · 11

ANSWER

$$(3x + 1)(9x^2 - 3x + 1)$$

Factoring Sums & Differences of Cubes · 14

ANSWER

$$(5x + 1)(25x^2 - 5x + 1)$$

Factoring Sums & Differences of Cubes · 13

ANSWER

$$(3x - 1)(9x^2 + 3x + 1)$$

Factoring Sums & Differences of Cubes · 16

ANSWER

$$(5x + 6)(25x^2 - 30x + 36)$$

Factoring Sums & Differences of Cubes · 15

ANSWER

$$(x + 6)(x^2 - 6x + 36)$$

Factor: $125x^3 + 64$

Factor: $64x^3 - 27$

Factor: $125x^3 + 27$

Factor: $x^3 + 125$

Factor: $125x^3 - 216$

Factor: $8x^3 - 27$

Factor: $125x^3 - 64$

Factor: $64x^3 - 125$

Factoring Sums & Differences of Cubes · 18

ANSWER

$$(4x - 3)(16x^2 + 12x + 9)$$

Factoring Sums & Differences of Cubes · 17

ANSWER

$$(5x + 4)(25x^2 - 20x + 16)$$

Factoring Sums & Differences of Cubes · 20

ANSWER

$$(x + 5)(x^2 - 5x + 25)$$

Factoring Sums & Differences of Cubes · 19

ANSWER

$$(5x + 3)(25x^2 - 15x + 9)$$

Factoring Sums & Differences of Cubes · 22

ANSWER

$$(2x - 3)(4x^2 + 6x + 9)$$

Factoring Sums & Differences of Cubes · 21

ANSWER

$$(5x - 6)(25x^2 + 30x + 36)$$

Factoring Sums & Differences of Cubes · 24

ANSWER

$$(4x - 5)(16x^2 + 20x + 25)$$

Factoring Sums & Differences of Cubes · 23

ANSWER

$$(5x - 4)(25x^2 + 20x + 16)$$