Solving Polynomial Equations by Factoring · 1

Solve: $x^3 - 8x^2 - 16x + 128 = 0$

Solving Polynomial Equations by Factoring · 2

Solve: $x^4 - 26x^2 + 25 = 0$

Solving Polynomial Equations by Factoring · 3

Solve: $x^3 + 7x^2 = -6x$

Solving Polynomial Equations by Factoring · 4

Solve: $x^4 - 41x^2 = -400$

Solving Polynomial Equations by Factoring · 5

Solve: $x^3 + 2x^2 - 25x - 50 = 0$

Solving Polynomial Equations by Factoring · 6

Solve: $2x^3 - 20x^2 = -18x$

Solving Polynomial Equations by Factoring · 7

Solve: $x^3 - 7x^2 - 4x + 28 = 0$

Solving Polynomial Equations by Factoring · 8

Solve: $x^4 - 45x^2 = -324$

Solving Polynomial Equations by Factoring · 2

ANSWER

-5, -1, 1, 5

Solving Polynomial Equations by Factoring · 1

ANSWER

-4, 4, 8

Solving Polynomial Equations by Factoring · 4

ANSWER

-5, -4, 4, 5

Solving Polynomial Equations by Factoring · 3

ANSWER

-6, -1, 0

Solving Polynomial Equations by Factoring · 6

ANSWER

0, 1, 9

Solving Polynomial Equations by Factoring · 5

ANSWER

-5, -2, 5

Solving Polynomial Equations by Factoring · 8

ANSWER

-6, -3, 3, 6

Solving Polynomial Equations by Factoring · 7

ANSWER

-2, 2, 7

Solve: $x^3 + 9x^2 - 16x = 144$

Solve: $x^4 - 34x^2 + 225 = 0$

Solve: $x^3 - 10x^2 = -16x$

Solve: $x^3 - 3x^2 - x = -3$

Solve: $2x^3 + 12x^2 = -16x$

Solve: $x^3 + 7x^2 - 36x = 252$

Solve: $x^4 - 41x^2 + 400 = 0$

Solve: $x^3 + 2x^2 - 9x - 18 = 0$

Solving Polynomial Equations by Factoring · 10

ANSWER

-5, -3, 3, 5

Solving Polynomial Equations by Factoring · 9

ANSWER

-9, -4, 4

Solving Polynomial Equations by Factoring · 12

ANSWER

-1, 1, 3

Solving Polynomial Equations by Factoring · 11

ANSWER

0, 2, 8

Solving Polynomial Equations by Factoring · 14

ANSWER

-7, -6, 6

Solving Polynomial Equations by Factoring · 13

ANSWER

-4, -2, 0

Solving Polynomial Equations by Factoring · 16

ANSWER

-3, -2, 3

Solving Polynomial Equations by Factoring · 15

ANSWER

-5, -4, 4, 5

Solving Polynomial Equations by Factoring · 17

Solve: $x^3 + 2x^2 - 24x = 0$

Solving Polynomial Equations by Factoring · 18

Solve: $x^4 - 13x^2 = -36$

Solving Polynomial Equations by Factoring · 19

Solve: $x^3 - 7x^2 - x = -7$

Solving Polynomial Equations by Factoring · 20

Solve: $3x^3 + 30x^2 = -72x$

Solving Polynomial Equations by Factoring · 21

Solve: $x^3 + 8x^2 - 9x - 72 = 0$

Solving Polynomial Equations by Factoring · 22

Solve: $x^4 - 10x^2 = -9$

Solving Polynomial Equations by Factoring · 23

Solve: $x^3 + 8x^2 - 36x - 288 = 0$

Solving Polynomial Equations by Factoring · 24

Solve: $x^4 - 25x^2 + 144 = 0$

Solving Polynomial Equations by Factoring · 18

ANSWER

-3, -2, 2, 3

Solving Polynomial Equations by Factoring · 17

ANSWER

-6, 0, 4

Solving Polynomial Equations by Factoring · 20

ANSWER

-6, -4, 0

Solving Polynomial Equations by Factoring · 19

ANSWER

-1, 1, 7

Solving Polynomial Equations by Factoring · 22

ANSWER

-3, -1, 1, 3

Solving Polynomial Equations by Factoring · 21

ANSWER

-8, -3, 3

Solving Polynomial Equations by Factoring · 24

ANSWER

-4, -3, 3, 4

Solving Polynomial Equations by Factoring · 23

ANSWER

-8, -6, 6