

Equazioni a coefficienti interi

Periodo 1 - UdA 3-4

Risolvere e verificare (se determinate) le seguenti equazioni:

$$[1] \quad -4x - 1 = -3x + 4$$

$$[3] \quad 2x - 3 = -2x + 1$$

$$[5] \quad 5x - 2 = -x + 2$$

$$[7] \quad 2x + 2 = -6x + 6$$

$$[9] \quad -x = 5x + 2$$

$$[11] \quad -2x - 4 = 2x + 3$$

$$[13] \quad -4x - 3 = x + 2$$

$$[15] \quad 7x + 1 = -2x + 7$$

$$[17] \quad 3x - 5 = 2x - 3$$

$$[2] \quad x - 2 = -7x + 6$$

$$[4] \quad -x - 2 = 4x + 3$$

$$[6] \quad x - 2 = 3$$

$$[8] \quad 3x - 3 = 3x + 1$$

$$[10] \quad 5x - 4 = -3x + 2$$

$$[12] \quad 4x + 2 = 4x + 2$$

$$[14] \quad 3x - 1 = -2x - 1$$

$$[16] \quad 4x - 3 = -2x + 1$$

$$[18] \quad -x + 2 = 4x + 3$$

SOLUZIONI

Equazioni a coefficienti interi Periodo 1 - UdA 3-4

[1] $x = -5 \quad 19 = 19$

[2] $x = 1 \quad -1 = -1$

[3] $x = 1 \quad -1 = -1$

[4] $x = -1 \quad -1 = -1$

[5] $x = 2/3 \quad 4/3 = 4/3$

[6] $x = 5 \quad 3 = 3$

[7] $x = 1/2 \quad 3 = 3$

[8] *Impossibile*

[9] $x = -1/3 \quad 1/3 = 1/3$

[10] $x = 3/4 \quad -1/4 = -1/4$

[11] $x = -7/4 \quad -1/2 = -1/2$

[12] *Indeterminata*

[13] $x = -1 \quad 1 = 1$

[14] $x = 0 \quad -1 = -1$

[15] $x = 2/3 \quad 17/3 = 17/3$

[16] $x = 2/3 \quad -1/3 = -1/3$

[17] $x = 2 \quad 1 = 1$

[18] $x = -1/5 \quad 11/5 = 11/5$