Equazioni a coefficienti interi

Periodo 1 - UdA 3-4

Risolvere e verificare (se determinate) le seguenti equazioni:

[1]	$-4x-1=-3x+4$	[2]	$7x-6=-x+2$
[3]	$-2x-3=2x+1$	[4]	$x-2=-4x+3$
[5]	$-5x-2=x+2$	[6]	$-3=-x+2$
[7]	$2x-6=-6x-2$	[8]	$3x-1=3x+3$
[9]	$5x=-x+2$	[10]	$-3x-4=5x+2$
[11]	$2x-3=-2x+4$	[12]	$4x-2=4x-2$
[13]	$-x-3=4x+2$	[14]	$-2x-1=3x-1$
[15]	$7x-7=-2x-1$	[16]	$4x-1=-2x+3$
[17]	$-2x-5=-3x-3$	[18]	$-x+2=4x+3$

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] $x = 1/2 \quad -5 = -5$

[8] *Impossibile*

[9] $x = 1/3 \quad 5/3 = 5/3$

[10] $x = -3/4 \quad -7/4 = -7/4$

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

[12] *Indeterminata*

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

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

[15] $x = 2/3 \quad -7/3 = -7/3$

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

[17] $x = 2 \quad -9 = -9$

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