Binary Representation and Outcomes Table:

Instruction	Binary	Operation	Outcome if Correct	Outcome if Incorrect
li $1, 2	00000001	Load immediate 2 into $1	$1 = 2	$1 ≠ 2
li $2, 3	00000010	Load immediate 3 into $2	$2 = 3	$2 ≠ 3
add $3, $1, $2	00000011	$1 + $2 -> $3	$3 = 5	$3 ≠ 5
sub $4, $1, $2	00000100	$1 - $2 -> $4	$4 = -1	$4 ≠ -1
mul $5, $1, $2	00000101	$1 * $2 -> $5	$5 = 6	$5 ≠ 6
div $6, $1, $2	00000110	$1 / $2 -> $6	$6 = 0 (integer division)	$6 ≠ 0
bgt $3, $4	00000111	Branch if $3 > $4	Branch taken	Branch not taken
pr $3	00001000	Print $3	Output 5	Different output
pr $4	00001001	Print $4	Output -1	Different output
pr $5	00001010	Print $5	Output 6	Different output
pr $6	00001011	Print $6	Output 0	Different output