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System of equations worksheet

Solve the system of equations by Substitution method

$3u + z = 15$ $u + 2z = 10$	
$2a + 2x = 18$ $a + 3x = 17$	

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$-6x - 6y = 66$ $2x + 4y = -32$	
$b + v = 8$ $2b + v = 13$	

$3c + 4u = 33$ $6c + 3u = 36$	
$3x + 5y + 4z = 6$ $-2x - 5y - 4z = -5$ $-6x + 2y + 4z = 0$	

If -3a + 3b =12 and 3a – 6b = -21, then what is 7a- 3b equal to?