1.	2.
x + y = 12	x - 5y = -9
y = 5x	y = 3x - 1
3.	4.
y = 7x + 2	4x - 3y = -24
y = 3x + 6	7x + 5y = -1
5.	6.
5x - y = 11	8x - 2y = 3
3x + 4y = 7	x = 3y + 1
_	
7.	
3x - 2y = 8	
3x - 2y = 8 $3y = 6x - 2$	

In Problems 1-7, solve each system by the substitution method.

In Problems 8-13, solve each system by the addition method

8.	9.
5x - 2y = 13	7x - y = 33
3x + 2y = 11	2x + y = 12
10.	11.
3x + 4y = -10	9x + 2y = 15
5x + 2y = -12	3x - 5y = -12
12.	13.
3x - 7y = 2	x = 7 y - 2
4x + 3y = -1	3x + 4y = -5

14.	15.
9x - y = 7	11x + 3y = 7
x + 4y = 9	4x + 2y = 8
16.	17.
x + 8y = 2	8x + y = 3
-7x + 2y = -3	-2x + 3y = 4
18.	19.
2x - 3y = 7	3x + y = 2 6x - 2 = -2y
4x - 6y = 14	6x - 2 = -2y

In Problems 14-19, solve by the method of your choice. Identify systems with no solution and ones with infinite solutions