Fill in the Blanks

Simultaneous Equations (different x coefficients)

Question	Multiply one or both equations	Add or subtract?	Carry out addition or subtraction	Work out y	Substitute y into one equation	Work out x	State both answers
x + 2y = 5 $3x + y = 10$	3x + 6y = 15 $3x + y = 10$	Subtract	3x + 6y = 15 $-3x + y = 10$ $5y = 5$	y = 1	x + 2y = 5 $x + 2 = 5$	x = 3	x = 3 $y = 1$
	4x - y = 3 $4x + 12y = 68$	Subtract	4x - y = 3 - 4x + 12y = 68				
_	2x - 10y = 28 $-2x - y = -6$	Add					
2x + 2y = 11 $3x - 4y = 13$							
5x + 7y = 6 $-3x - 2y = 3$							
4x + 3y = -3 $6x + 5y = -6$							