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5) Solve the following simultaneous equations

x2 $5x + 3y = 39$ ①

x3 $8x - 2y = 42$ ②

$10x + 6y = 78$ ③

$24x - 6y = 126$ ④

④ - ③

~~$14x = 48$~~
 ~~$x = 3.43$~~
 $x = 6.21$

$14x = 48$

$x = 3.43$