

Simultaneous Equations

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1) Simultaneous Equations: Easier



$$2x + 3y = 9$$

$$5x + 3y = 18$$

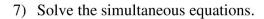
2) Solve the simultaneous equations.

$$4x + 2y = 9$$

$$8x + 8y = 20$$



1) Simultaneous Equations: Medium



$$6x + 3y = 15$$

$$4x - 9y = -34$$

(4 Marks)

$$5x + 2y = 29$$

$$8x - 6y = 51$$

x = _____

⁸⁾ Solve the simultaneous equations.



1) Simultaneous Equations: Harder

How many ducks and sheep are there?

9)	Bill goes into a chip shop and buys 3 fish and 2 portions of chips, it cost him £5.20
	Jenny also goes into the same chip shop. She buys $\bf 5$ fish and $\bf 6$ portions of chips, it cost her £10.80
	What is the cost of a portion of fish and chips?
	(5 Marks)
10)	There are some ducks and some sheep on a farm. Altogether they have 35 heads and 94 feet.

Ducks = _____ Sheep = _____ (5 Marks)