## **Simultaneous Equations**

www.Q8Maths.com

www.Q8M aths.com

1





5) June 2011 V2
12 Solve the simultaneous equations. x - 5y = 0 15x + 10y = 17
15x + 10y - 17
Answer x =
$y = \dots [3]$
<u>- 6) Julie 2011 V3</u>
8 Solve the simultaneous equations. x + 2y = 3 2x - 3y = 13
Answer $x =$
$y = \dots [3]$
www.Q8M aths.com 4

7) November 2011 V3		
3 Solve the simultaneous equations.	x + 5y = 22 $x + 3y = 12$	
	y =	. [2]
8) June 2012 V1		
11 Solve the simultaneous equations. 3x + 5y x + 7y	= 24 = 56	
www.C	28 Maths.com	
	Answer x =	
	<i>y</i> =	. [3]
	www.Q8M aths.com	5



## 10) November 2013 V2 15 Find the co-ordinates of the point of intersection of the two lines. 2x - 7y = 24x + 5y = 42Answer (.....) [3] 11) June 2014 V2 3 Solve the simultaneous equations. 2x - y = 73x + y = 3www.Q8Maths.com Answer $x = \dots$



13) June 2015 V1		
<b>18</b> Solve the simultaneous equations. You must show all your working. 5x + 2y = -2 $3x - 5y = 17.4$		
	$n_{Swer} x =$	
	<i>y</i> =	[4]
14) March 2015 V2		
11 Solve the simultaneous equations. You must show all your working.		
$\frac{1}{2}x - 8y = 1$ $x + 2y = 6\frac{1}{2}$		
www.Q8Math	hs.com	
41	nswer $r =$	
	y =	[3]
	-	
www.Q8M aths.com	(	)

15) November 2016 V1		
11 Solve the simultaneous equations. You must show all your working.	2x + 3y = 13 $x + 2y = 9$	
		x = y =[3]
16) November 2016 V2		
8 Solve the simultaneous equations. You must show all your working.	$\frac{1}{2}x + y = 8$ $x - 2y = 2$	
	. Q8 Math	ts.com
		x =[3]
	www.Q8M aths.com	10

_17) Jur	ne 2016 V2		
16	Solve the simultaneous equation Show all your working.	as. 3x + 4y = 14 $5x + 2y = 21$	
18) Jun	e 2014 V3	x = y =	[3]
<u> </u>			
19	Robbie pays \$10.80 when he bu Paniz pays \$14.50 when she bu	ys 3 notebooks and 4 pencils. ys 5 notebooks and 2 pencils.	
	Write down simultaneous equat	ions and use them to find the cost of a notebook and the cost	of a pencil.
	wu	w.Q8 Maths.com	
		Answer Cost of a notebook = \$	
		Cost of a pencil = \$	[5]
		www.Q8M aths.com	11