	REVISE THIS	CHECK YOUR	
1 The equation	$r = 1$ of a straight line $\mathbf{L}$ is $y = 2x + 2$		
	For a straight line <b>L</b> is $y = 2x - 3$		
(a) Write do	wn the coordinates of the point where	e L crosses the y-axis.	
		(	,
(b) Write do	wn the gradient of <b>L</b> .		
			(1)
		(Total for Question 1 is 2	marks)
2 The equation	n of a straight line <b>L</b> is $y = 8 - 5x$		
(a) Write dow	wn the coordinates of the point where	<b>L</b> crosses the <i>y</i> -axis.	
		(	(1)
(b) Write do	wn the gradient of <b>L</b> .		







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The lines  $L_1$  and  $L_2$  are shown on the grid. 6



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Solutions



The lines  $\boldsymbol{L}_1$  and  $\boldsymbol{L}_2$  are shown on the grid. 7



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(b) Write down the gradient	of the line $2y = 5x + 6$	(, (1)
(c) Is the point (2, 8) on the You must show your wo	line $2y = 5x + 6$ ? king.	(1)
<b>0</b> (a) Write down the coordina	( <b>Tota</b> tes of the y-intercept of the line y –	(2) <b>I for Question 9 is 4 marks</b> ) 3x = 10
(b) Write down the gradient	of the line $y - 3x = 10$	(, ,
(b) Write down the gradient (c) Is the point (2, 8) on the You must show your wo	of the line $y - 3x = 10$ line $y - 3x = 10$ ? king.	(, ,

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12 The graph below shows the amount of money saved by a student.





	work out the gradient of the straight fine through (2, 6) and (5, 26)
	(Total for Augstion 13 is 2 marks)
	(Total for Question 15 is 2 marks)
14	Work out the gradient of the straight line through $(2, 10)$ and $(6, 8)$
	(Total for Question 14 is 2 marks)
15	A straight line
	has gradient 4
	and passes through the point (3, 10)
	Work out the equation of the line.
	Give your answer in the form $y = mx + c$
st	(Total for Question 15 is 3 marks)



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has gradient -2 and passes through the point (10, -17)

Work out the equation of the line. Give your answer in the form y = mx + c

(Total for Question 16 is 3 marks)

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## 17 A straight line

has gradient 0.5 and passes through the point (8, -3)

Work out the equation of the line. Give your answer in the form y = mx + c



(Total for Question 17 is 3 marks)

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Solutions



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18	Work out the equation	of the straight line	through (3, 5) and (6, 11)
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(Total for Question 18 is 4 marks)

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**19** Work out the equation of the straight line through (-4, 2) and (2, 5)

(Total for Question 19 is 4 marks)

**20** Work out the equation of the straight line through (3, 16) and (8, 1)

(Total for Question 20 is 4 marks)

Solutions



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