







2. Kate buys 2 lollies and 5 choc ices for £6.50 Pete buys 2 lollies and 3 choc ices for £4.30 Work out the cost of one lolly. Give your answer in pence. pence (Total 3 marks) 3. Matthew wants to collect information about the time students take to travel to school. Design a suitable question he could use on a questionnaire. 02 (Total 2 marks) 03			
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(Total 2 marks)			
(Total 2 marks)			
(Total 2 marks)			
(Total 2 marks)			Q3
		(Total 2 marks)	













8. (a) Write 126 as a product of its prime factors.	Leave blank
(2)
(b) Find the Highest Common Factor (HCF) of 84 and 126	
(2) Q8
(Total 4 mark	s)





line (r seconds)	Frequency
$0 < t \leq 10$	16
$10 < t \leq 20$	34
$20 < t \leqslant 30$	32
$30 < t \leq 40$	14
$40 < t \leq 50$	4
Fime (<i>t</i> seconds)	Cumulative frequency table.
$0 < t \leqslant 10$	16
$0 < t \leqslant 10$ $0 < t \leqslant 20$	16
$0 < t \leqslant 10$ $0 < t \leqslant 20$ $0 < t \leqslant 30$	16
$0 < t \leqslant 10$ $0 < t \leqslant 20$ $0 < t \leqslant 30$ $0 < t \leqslant 40$	16

18. Prove that the recurring decimal $0.\dot{4}\dot{5} = \frac{15}{33}$		blanl
10 Expand and simplify $(\sqrt{2} - \sqrt{2})(\sqrt{2} + \sqrt{2})$	(Total 3 marks)	Q18
9. Expand and simplify $(\sqrt{3} - \sqrt{2})(\sqrt{3} + \sqrt{2})$		

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L	(Total 5 marks)	
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