

						Bag B
11	Solve the simultaneous equations: 3x + y = 3 2x - 4y = 16			12	Bag A $\frac{3}{7}$ R	3 B
x = 2 y = -3				$\begin{array}{c} 4\\ 7\\ 7\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\$		
13 Work out the size of each interior angle in a regular hexagon				14 Find the highest common factor (HCF) of 84 and 140		
120 ⁰				28		
15	Find an estimate for the mean height.			16	There are 6 starters and 7 main courses in a	
	Height (cm)	Frequency		1	restaurant.	
	$140 < h \leqslant 150$	6			choosing a starter	and a main course.
	$150 < h \leqslant 160$	9				
	$160 < h \leqslant 170$	8			42	
	$170 < h \leqslant 180$	2	m			
17 Find the value of $25^{\frac{3}{2}}$ 125				 18 Charlie invests £4000 for 3 years in a savings account. She gets 2% per annum compound interest in the first year, then x% for 2 years. Charlie has £4228.20 at the end of 3 years, work out the value of x. 1.8% 		
19	Minimum Lower Quartile M	edian Upper Quartile Maxim	ım	20	28.5 ⁰	
Draw a box plot for this information.				The angle at the circumference is half the angle at the centre Find the size of angle BAC . Give a reason for your answer. B		
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