



Show all working – Calculator allowed unless stated.

		<u>Marks</u>
1.	560 000 tickets were sold for a rugby tournament last year.	
	This represents 80% of all the available tickets.	
	Calculate the total number of tickets that were available for this tournament.	(3)
2.	Households in a city produced a total of 140 000 tonnes of waste in 2020.	
	The total amount of waste is expected to fall by 2.5% each year.	
	Calculate the total amount of waste these households are expected to produce in 2023.	(3)
3.	James paid £285.40 for a laptop this year.	
	This was an increase of 12.5% from last year.	
	Calculate the price of the laptop last year correct to the nearest pound.	(3)
4.	A drinks manufacturer is reducing the sugar content of one of their fizzy drinks by 6% per year over the next 3 years.	
	The sugar content of a standard can is currently 32 grams.	
	Calculate the sugar content of a standard can after 3 years.	(3)
5.	There are 1476 pupils on the roll of SPTA High School.	
	It is forecast that the roll will increase by 2.2% per year.	
	What will be the expected roll after 3 years?	
	Give your answer to the nearest ten.	(3)

Total Marks: 15