1)	(a)	Write twenty five million in figures.						
		Answer(a) [1]						
	(b)	Write the following in order of size, starting with the smallest.						
		$\frac{2}{3}$ 65% 0.6						
		$Answer(b) \qquad \qquad < \qquad \qquad [1]$						
	(c)	In a sale a coat costing \$250 is reduced to \$200.						
		Find the percentage decrease in the cost.						
		Answer(c) % [3]						
2)	The	distance between Geneva and Gstaad is 150 km.						
		Write 150 in standard form.						
		Answer(a)[1]						
	(b)	A car took $1\frac{1}{2}$ hours to travel from Geneva to Gstaad.						
		Calculate the average speed of the car.						
		<i>Answer(b)</i> km/h [1]						
	(c)	A bus left Gstaad at 1015. It arrived in Geneva at 1230.						
		Calculate the time, in hours and minutes, that the bus took for the journey.						
		Answer(c) h min [1]						

3)	(a)	Using the exchange rates							
			1 = 0.70 Euros and	\$1 = 90 Yen					
		cha	nge						
		(i)	\$100 to Euros,						
				Answer(a)(i)	Euros	s [1]			
		(ii)	100 Yen to dollars.						
				A(-)(::)	Ď.	[2]			
				Answer(a)(11) S	\$	[2]			
	(b)	The	Tania went on holiday to Switzerland. The exchange rate was \$1 = 1.04 Swiss francs (CHF). She changed \$1500 to Swiss francs and paid 1% commission.						
		(i)	How much commission, in dollars, di	d she pay?					
				Answer(b)(i) \$		[1]			
		(ii)	Show that she received CHF 1544.40						
			Answer (b)(ii)						
						[2]			
4)		The ratio of Anne's height: Ben's height is 7:9. Anne's height is 1.4 m.							
	Fin	d Bei	n's height.						
				Answer	n	n [2]			

5)	The distance between the centres of two villages is 8 km. A map on which they are shown has a scale of 1:50 000.						
	Calculate the distance between the centres of the two villages on the map. Give your answer in centimetres.						
	Answer cm [2]						
6)	(a) Calculate 60% of 200.						
	Answer(a)[1]						
	(b) Write 0.36 as a fraction.						
	Give your answer in its lowest terms.						
	$Answer(b) \qquad \qquad [2]$						
7)	Joseph changed 120 New Zealand dollars (NZ\$) into Australian dollars (A\$) when the exchange rate was						
	NZ\$1 = A\$0.796.						
	Calculate the exact amount he received.						
	Answer A\$[1]						

8)	(a) Lucinda invests \$500 at a rate of 5% per year simple interest.				
	Calculate the interest Lucinda has after 3 years.				
		Answer(a) \$[[2]		
	(b)	Andy invests \$500 at a rate of 5% per year compound interest.			
		Calculate how much more interest Andy has than Lucinda after 3 years.			
		Answer(b) \$[4]		
9)	Wr	rite the following in order of size, starting with the smallest.			
		$\frac{9}{8}$ 1.2 115% $1\frac{1}{6}$			
		Answer < < <	[2]		

10)	Mortar is a mixture of cement, sand and lime in the ratio						
		cement: sa	and:lime = 1:	5:2.			
	Calculate how much	sand there is	s in a 12 kg ba	g of this mortar.			
				Answer		kg	[2]
11)	A cruise ship travels	at 22 knots.					
	[1 knot is 1.852 kilon	netres per ho	our.]				
	Convert this speed in	to metres pe	er second.				
				4		/	[2]
				Answer		m/s	[3]
12)	Write the following in order of size, starting with the smallest.						
	0.525	$\frac{11}{21}$	$\frac{111}{211}$	52.4%			

Answer < < [2]

13)	Martha divides \$240 between spending and saving in the ratio	
	spending: saving = $7:8$.	
	Calculate the amount Martha has for spending.	
	Answer \$	[2]
		,
14)	Calculate the selling price of a bicycle bought for \$120 and sold at a profit of 15%.	
	Answer \$	[2]
15)	Pedro invested \$800 at a rate of 5% per year compound interest.	
10)	Calculate the total amount he has after 2 years.	
	Answer \$	[2]
16)	For her holiday, Dina changed 500 Swiss francs (CHF) into pounds (£). The rate was £1 = CHF 1.6734.	
	Calculate how much Dina received in pounds. Give your answer correct to 2 decimal places.	
	Answer £	[2]