ata					Tack 1:													
ıta						will create has	sic formulae invol	ving simple										
4																		
7									le									
			Task 1			undt y		20.19 4 11		D ! -	_4 D							
6						n opposite into	o a new blank wo	orkbook. Leave the	cells	⊣roje	Ct R							
2																		
8					_			cells B3 and B4.										
2																		
					2. Enter a formula to	subtract the o	contents of cells	B4 from B3. Place	the									
					result in cell B7.													
					3. Enter a formula to	multiply the c	contents of cell B	3 by B4. Place the	result in cell B8.									
ata					4. Enter a formula to	o divide the cor	ntents of cell B3	by B4. Place the r	esult in B9.									
					5. Do a quick check	that your answ	wers are correct,	then save the file	as maths.xls in the	intro-formulae								
		6																
2	1	3			Task 2:													
				Tack 2	exercise and go to S	Sheet 1.												
	-	3		Idan Z				values as										
		18																
2	2	2				formulae in co	olumn B to colum	ns C										
								ratner										
									a hit of mantal asiti	han ati a								
Vienne	Budanest Ba	wie	Domo	Ganava			nave done what	you needed using	a bit of mental and	nmeuc.								
Vieillia	вицареві га	1115	Konie	Gerieva	5. Save and close ti	ie workbook.												
960	400	400	740	800					Exercise 2: Holida	av costs								
										•	wn below:							
												tal of the Travel	Costs. When you h	nave entered	this			
						•	0-											
1235	620	534	993	1003		:xerci	se z:		3. Enter a formula	a in cell B16 to cal	Iculate the Sub T	otal of the Addit	ional Costs. Copy tl	his formula to	o cells			
									C16:F16.									
									4. Enter a formula	a in cell B18 to cal	lculate the Grand	d Total. Copy thi	s formula to cells C	18:F18.				
35	25	18	10						5. Save the file as	s holiday.xls in the	r:\training.dir\ex	cel\intro-formula	ae-functions folder.					
560	240	470	360															
90	80	75	80															
300	450	500	200	150														
985	795	1063	650	547														
2220	1415	1597	1643	1550														
NEWCDADED	DETAIL 6	OL D	TOTAL CELL					Eversies 2: No.										
	· -									a volume of diffe-	ant newenanara	cold over a paris	nd of 15 weeks					
						_						soiu over a perio	ou or 10 weeks					
	8	46			E	Exerci	se 3	_	e layout of the work			9 and 10						
HINDUSTAN TIMES									•				ows (i.e. rows 15 an	-d 10\				
HINDUSTAN TIMES THE INDIAN EXPRESS	-		360															
THE INDIAN EXPRESS	8	45											5110 (1.0.10110 10 ul	iu 16).				
THE INDIAN EXPRESS THE MORUNG EXPRESS	8	45 66	528					4. Enter a formu	la to add up the nu	mber of Newspap				10 16).				
THE INDIAN EXPRESS THE MORUNG EXPRESS TIMES OF INDIA	8 8 6	45 66 87	528 522					4. Enter a formu 5. In cell B27 us	la to add up the nu e the AutoSum icor	mber of Newspap 1.			310 (1.0.10110 10 u.	10 16).				
THE INDIAN EXPRESS THE MORUNG EXPRESS TIMES OF INDIA TIMES OF INDIA	8 8 6 6	45 66 87 56	528 522 336					4. Enter a formul 5. In cell B27 us 6. In cell C27 tr	la to add up the nu e the AutoSum icor typing the formula	mber of Newspap n. manually.	ers Sold over th	e 15 weeks.	310 (13.1010 10 41	ia 16).				
THE INDIAN EXPRESS THE MORUNG EXPRESS TIMES OF INDIA	8 8 6	45 66 87	528 522 336 900					4. Enter a formul 5. In cell B27 us 6. In cell C27 tr 7. Check that th	la to add up the nu e the AutoSum icor	mber of Newspap n. manually. and then copy it	ers Sold over th	e 15 weeks.		10 16).				
	2 8 8 2 2 Vienna 960 250 25 1235 560 90 300 300			Task 1 Task 1	Task 1 Task 2 Task 3 Task 2 Task 3 Task 3 Task 5 Task 6 Task 6 Task 6 Task 6 Task 6 Task 7 Task 6 Task 7 Task 8 Task 8 Task 8 Task 8 Task 8 Task 8 Task 7 Task 1 Task 1 Task 1 Task 1 Task 1 Task 1 Task 8 Task 1 Task 2 Task 1 Task 2 Task 1 Task 1 Task 1 Task 1 Task 1 Task 1 Task 2 Task 2 Task 1 Task 2 Task 1 Task 2 Task 1 Task 2 Task 1 Task 2 Task 1 Task 1	Task 1	In this exercise you will create base calculations on a pair of values. Task 1	In this exercise you will create basic formulae involved calculations on a pair of values. The sums involved simple to allow you to check that your answers are mental arithmetic.	Task 1 Task 1 In this exercise you will create basic formulae involving simple calculations on a pair of values. The sums involved are intentionally simple to allow you to check that your answers are correct using a lift mental arithmetic. Enter the data shown opposite into a new blank workbook. Leave the containing the word formulae empty for now. Enter the data shown opposite into a new blank workbook. Leave the containing the word formulae to add together the contents of cells B3 and B4. Place the result in 86. 2 Enter a formula to add together the contents of cells B3 and B4. Place the result in 86. 2 Enter a formula to multiply the contents of cells B4 from B3. Place the result in cell B7. 3 Enter a formula to divide the contents of cells B4 from B3. Place the result in cell B7. 3 Enter a formula to divide the contents of cells B4 from B3. Place the result in cell B7. 1 Enter a formula to divide the contents of cells B4 from B3. Place the result in cell B7. 2 In a size a formula to divide the contents of cells B4 from B3. Place the result in cell B7. 3 Enter a formula to multiply the contents of cells B4 from B3. Place the result in cell B7. 1 Enter a formula to multiply the contents of cells B4 from B3. 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The sums involved an interfacionally simple to allow you to check that your answers are correct using a life mental arithmetic. Enter the data shown opposite into a new blank workbook. Leave the calls containing the word formulae employ for now. 1. Enter a formula to add together the contents of cells 83 and 84. Place the result in 68. 2. Enter a formula to add together the contents of cells 83 and 84. Place the result in 68. 3. Enter a formula to add together the contents of cells 83 throm 83. Place the result in 68. 4. Enter a formula to add together the contents of cells 83 to 184. Place the result in 68. 4. Enter a formula to add together the contents of cells 83 by 184. Place the result in 68. 4. Enter a formula to making the contents of cells 83 by 184. Place the result in 68. 5. Do a quick check that your arrewers are correct, then save the file as marities as in the intro formulae. Task 2. Task 2. Task 3. Task 2. Task 3. Task 4. Enter a formulae to device that the formulae is correct. When save the file as marities as in the intro formulae. 1. Modify the workshared by adding two new sets of values as shown the file as marities as in the intro formulae. 1. Modify the workshared by adding two new sets of values as shown the file of the formulae in correct. When you will see the formula is correct. When you will see the formula is correct. When you will see the formulae in a could be the formulae in a could be colored as a contract of the formulae in a could be colored as a contract of the formulae in a colored by a	In the exercise you will create base formulae involved on immerically simple to allow you be cleak that your answers are connect using a little mental anthrendel. If the first the data shown opposite into a new blank workbook. Leave the cells containing the work of the graphs for row. I first the data shown opposite into a new blank workbook. Leave the cells containing the work formulae interpretation of cells \$13 and \$4. Project B Project B	In the exercise you will create basic formulae involving anyspic calculationts on a pair of values. The surf wholes are instructionally simple to allow you be check the your answers are concerd using a tillier mental arithmetic. Task 1	Task 1 Task 2 Task 2 Task 2 Task 2 Task 2 Task 2 Task 3 Task 3 Task 3 Task 3 Task 3 Task 4 Task 4 Task 4 Task 4 Task 4 Task 5 Task 5 Task 5 Task 6 Task 6 Task 6 Task 6 Task 7 Task 8 Task 8	Task 1 Task 2 Task 2 Task 3 Task 3 Task 3 Task 4 Task 5 Task 6 Task 7 Task 6 Task 7 Task 7	In the secretory purple concessor. The care invended are interedistry striple to advery purple to adverse process. Task 1	Task 1 Task 2 Task 2 Task 2 Task 3 Task 3 Task 3 Task 3 Task 3 Task 4 Task 4 Task 4 Task 4 Task 4 Task 5 Task 5 Task 5 Task 5 Task 6 Task 6 Task 6 Task 6 Task 7 Task 8 Task 7 Task 8 Task 8

Exercise 1 Petty Cash records Coffee Week1 Week2 Week3 Week4 Monthly Total Yearly Estimate	4.3 3.5 0 7.8	Nilk Postage 2.5 1.9 3 2.8 10.2		32.4 12 10.3 79.5	4. Enter formulae to calculate I 5. Week 3 has been omitted in Milk Postage Stationery Week3 3.00 4.00 5.00 6. Copy the formula to this row 7. Enter the formula to calculat item. 8. During some weeks coffee i column between Milk and Post Coffee, with the following data 9. Copy the formulae for this co 10. You have been asked to gi below Monthly Total called Yea Milk by 12. Copy this formula a	e the Monthly Total for each s also purchased. Insert a new age, and enter the heading Jolumn. ve a rough estimate of the total yearly out-going of petty cash. Insert a new label rity Estimate. Insert a formula in cell B9 to multiply the Monthly Total for scross the remainder of the cells in this row. a cell A10. Now SUM the Yearly Estimate row to calculate the grand total for B10.
Petty Cash records Coffee Week1 Week2 Week3 Week4	4.3 3.5 0	2.5 1.9 3 2.8	3 1! 5 22 4 ! 2.5 !	24.8 32.4 12 10.3	4. Enter formulae to calculate I 5. Week 3 has been omitted in Milk Postage Stationery Week3 3.00 4.00 5.00 6. Copy the formula to this row 7. Enter the formula to calculat item. 8. During some weeks coffee i column between Milk and Post Coffee, with the following data 9. Copy the formulae for this co 10. You have been asked to gi below Monthly Total called Yea Milk by 12. Copy this formula a	error. Insert a row and add the following data: . e the Monthly Total for each . s also purchased. Insert a new age, and enter the heading . oblumn we a rough estimate of the total yearly out-going of petty cash. Insert a new label . cross the remainder of the cells in this row.
Petty Cash records Coffee Week1 Week2 Week3	4.3 3.5 0	2.5 1.9 3	3 1! 5 22 4 !	24.8 2 32.4 5 12	4. Enter formulae to calculate I 5. Week 3 has been omitted in Milk Postage Stationery Week3 3.00 4.00 5.00 6. Copy the formula to this row 7. Enter the formula to calculat item. 8. During some weeks coffee i column between Milk and Post Coffee, with the following data 9. Copy the formulae for this co	error. Insert a row and add the following data: . e the Monthly Total for each . s also purchased. Insert a new age, and enter the heading . bilumn we a rough estimate of the total yearly out-going of petty cash. Insert a new label . rly Estimate. Insert a formula in cell B9 to multiply the Monthly Total for
Petty Cash records Coffee Week1 Week2	4.3	2.5	3 1! 5 22	24.8	4. Enter formulae to calculate to 5. Week 3 has been omitted in Milk Postage Stationery Week3 3.00 4.00 5.00 6. Copy the formula to this row 7. Enter the formula to calculat item. 8. During some weeks coffee i column between Milk and Post Coffee, with the following data 9. Copy the formulae for this column value for this column basked to gi	error. Insert a row and add the following data: . e the Monthly Total for each . s also purchased. Insert a new age, and enter the heading . olumn we a rough estimate of the total yearly out-going of petty cash. Insert a new label
Petty Cash records Coffee Week1	4.3	2.5	3 1! 5 22	24.8	4. Enter formulae to calculate to 5. Week 3 has been omitted in Milk Postage Stationery Week3 3.00 4.00 5.00 6. Copy the formula to this row 7. Enter the formula to calculat item. 8. During some weeks coffee i column between Milk and Post Coffee, with the following data 9. Copy the formulae for this column between formulae for this column.	error. Insert a row and add the following data: . e the Monthly Total for each . s also purchased. Insert a new age, and enter the heading . oblumn.
Petty Cash records Coffee Week1		2.5	3 1!	24.8	4. Enter formulae to calculate to 5. Week 3 has been omitted in Milk Postage Stationery Week3 3.00 4.00 5.00 6. Copy the formula to this row 7. Enter the formula to calculat item. 8. During some weeks coffee i column between Milk and Post Coffee, with the following data	error. Insert a row and add the following data: Let the Monthly Total for each s also purchased. Insert a new age, and enter the heading
Petty Cash records Coffee		,	,	,	4. Enter formulae to calculate to 5. Week 3 has been omitted in Milk Postage Stationery Week3 3.00 4.00 5.00 6. Copy the formula to this row 7. Enter the formula to calculat item. 8. During some weeks coffee i column between Milk and Post Coffee, with the following data	error. Insert a row and add the following data: . e the Monthly Total for each s also purchased. Insert a new age, and enter the heading
Petty Cash records	N	lilk Postage	Stationery	Weekly Total	4. Enter formulae to calculate to 5. Week 3 has been omitted in Milk Postage Stationery Week3 3.00 4.00 5.00 6. Copy the formula to this row 7. Enter the formula to calculatitem. 8. During some weeks coffee i column between Milk and Post	error. Insert a row and add the following data: Let the Monthly Total for each s also purchased. Insert a new
Petty Cash records					4. Enter formulae to calculate to 5. Week 3 has been omitted in Milk Postage Stationery Week3 3.00 4.00 5.00 6. Copy the formula to this row 7. Enter the formula to calculat item. 8. During some weeks coffee in the formula to calculate item.	error. Insert a row and add the following data: Let the Monthly Total for each s also purchased. Insert a new
					4. Enter formulae to calculate to 5. Week 3 has been omitted in Milk Postage Stationery Week3 3.00 4.00 5.00 6. Copy the formula to this row 7. Enter the formula to calculatitem.	error. Insert a row and add the following data:
Exercise 1					4. Enter formulae to calculate I 5. Week 3 has been omitted in Milk Postage Stationery Week3 3.00 4.00 5.00 6. Copy the formula to this row 7. Enter the formula to calculate	error. Insert a row and add the following data:
Exercise 1					4. Enter formulae to calculate to 5. Week 3 has been omitted in Milk Postage Stationery Week3 3.00 4.00 5.00 6. Copy the formula to this row	error. Insert a row and add the following data:
Exercise 1					Enter formulae to calculate to 5. Week 3 has been omitted in Milk Postage Stationery	·
Exercise 1					Enter formulae to calculate to Week 3 has been omitted in	·
					4. Enter formulae to calculate to	·
						he Weekly Total for each of the weeks
					 Insert a row between rows 1 remove the blank row 4. 	and z and
					places to the data where appro	
					2. Apply a currency format with	
					folder.	
					r:\training.dir\excel\intro-formul	
					Open the petty.xls workbook	from the
		MUNIMUM	12		Exercise 1: Petty cash	
		MAXIMUM	90			
		AVERAGE		2		
15TH TIMES OF II	INDIA	6	90 54			
14TH HINDUSTAN	AN TIMES	10	88 88	<mark>)</mark>		5. Save the worksheet as news2.xls and close it.
13TH HINDUSTAN		10	78 78			function in cell H1.
11TH THE INDIAN 12TH TELEGRAM		6	87 69			(Take care not to include the calculated values Newspapers Sold and Total Sales.) 4. Using the function wizard find yourself a suitable function to automatically return the current date. Insert this
	IN EXPRESS IN EXPRESS	8	90 72 87 69			b. typing the formula yourself. (Take care not to include the calculated values Newspapers Sold and Total Sales.)
9TH HINDUSTAN		10	90 90			a. using the function wizard
8TH TIMES OF II		6	56 33			3. Enter a formula to calculate the Average, Min and Max values for each of the different newspapers. Try:
7TH TIMES OF II		6	87 52			after the Total Sales label in rows 30, 31 and 32 respectively.
	UNG EXPRESS	8	66 52	_		Maximum
	N EXPRESS	8	45 36			Minimum
4TH HINDUSTAN		8	46 36			newspapers. Insert the labels: Average
2ND TELEGRAM 3RD TIMES OF II		6	23 13 22 13			2. Some simple statistical analysis (i.e. the average, minimum and maximum sales) is required for each of the
1ST TIMES OF II		6	20 12		LACICISE 4	Open the workbook news1.xls that you created in a previous exercise.
WEEKS NEWSPAPE		ETAIL \$ SOLD	TOTAL SELL		Exercise 4	Exercise 4 – Newspaper Sales
						12. Not work you consider changing the region of this worksheet of that an initial occur of copied
						Save the worksheet with the new name news1.xls and close the file. How would you consider changing the layout of this worksheet so that all formula could be copied.
						10. Manually enter the correct formula into each of the cells C28:H28.
15 WEEKS TOTAL S	SOLD	976				What happens? (Check the formula in cell C28).
TOTAL NUMBER OF N		VER THE 15 WEEKS				9. Copy the formula in cell B28 to cell C28.
						becomes: = B27*B3
15TH TIMES OF II		6	90 54	_		Total Sales = Newspapers Sold * Retail Price
13TH HINDUSTAN 14TH HINDUSTAN		10 10	78 78 88			Hint: If you are unclear how to create this formula, try substituting the relevant cell references into the formula exactly as it is given. For example, to calculate the Total Sales of The Chronicle use the formula:
2TH TELEGRAM		6	88 52			(Note: make sure you use the appropriate retail price for each newspaper.)

	4000							ext in the row and colum	-						
rand Total	1908								proximately width: 12.00.						
									it wraps within the cells.						
								heading across columns							
							17. Add a heav	y border around the out	side of the table – apart from the he	ading i.e. A3:F	10. Add horizontal				
							lines between t	he rows containing the	summary data (Monthly Total, Yearly	y Estimate and	Grand Total).				
							18. Add a head	er to the worksheet to in	nclude the filename in the centre poi	rtion. Add a foo	ter to include the				
							date on the righ	nt, and your name on the	e left.						
							19. Centre the	data both vertically and	horizontally on the page, for printing	j .					
							20. Select to pr	int row and column hea	dings.						
							21. Print the wo	21. Print the worksheet and save it with the same na							
	. 0. 0 f 4! -		_l												
:xercise	e 2: Confection	onery s	baies												
ms	Price	Number Sold			'	Total Sold	Sales	Sales in Euro	Euro Exhange Rate		Exercise 2: Confectionery sales				
		Week 1	Week 2	Week 3	Week 4				0.6		Create a worksheet as shown below to record confectionery s	sales in the student refectory.	The prices are		
ars Bar	0.29	55	72	2 6	5 70	262	75.9	8 45.588			given in British pounds.				
nicker	0.32	38	62	2 4	4 59	203	64.9	6 38.976			2. Save the worksheet as sweets.xls in the r:\training.dir\excel\in	tro-formulae-functions folder.			
ise	0.3	122	54	1 9	8 84	4 358	107.	4 64.44	Min Sold M	lax Sold	Create a formula in the Total Sold column to calculate the total of each type of bar sold.				
tkat	0.29	98	115	5 9	0 101	1 404	117.1	6 70,296	62.62	117.16	Total Sold = number sold in week 1 + number sold in week 2 + number sold in week 3 + number sold in week 4				
lounty	0.34	65	83	3 6	5 79	292	99.2	8 59.568			Create a formula in the Sales column to calculate the sales va				
/ispa	0.31	48	52	2 3	5 67	7 202	62.6	2 37.572			Sales = Total Sold * Price				
otal Sold per week		426			-						In the row Total Sold per Week, create a formula to calculate to	the total number of chocolate	bars sold per		
tar cora por moon		120		-			027.				week.		baro cora por		
		Min Week 1	Min Week 2	Min Week 3	Min Week 4						Total Sold per Week = Mars Bars + Snickers + Fuse + KitKat + E	Rounty + Wisna			
		38				<u> </u>					6. Add two new rows at the bottom of the worksheet and label th		oum Sold		
			02	-	0	<u> </u>					Create formulae in these rows to calculate the minimum chocola				
		Max Week 1	Max week 2	Max Week 3	Max week 4						chocolate bars sold per week.	te bais sold per week and the	, maximum		
		122			8 101	•					Format the figures in the column Price to currency with two details.	acimal places, and the figures	in the column		
		122		3	0 101	•					Sales as integer (no decimals). Make all column titles bold.	cimal places, and the lightes	in the column		
											8. Add one column to the right of the table, with the title: Sales in	Euroe			
											ū .		record in CDD)		
											9. Using the exchange rate 1 GBP = 0.60 EURO. (The prices sh		resseu iri GBP).		
											Create a formula to calculate Sales in EMU for each chocolate b	ar in the column.			
											Sales in EMU = Sales * Exchange Rate (0.6)				
											10. Create a header with the text: College Confectionery Sales.				
											11. Print a copy of the worksheet.				
											12. Save the worksheet with the same name, sweets.xls and clo	se it.			