The following table	includes ABC company's revenue b	y month.									
	O asked you to use SUM formula to		the year.								
Month	Revenue In \$MM										
anuary	75	9									
ebruary	20	0					Proi	ect A	\		
/larch	4	2							•		
pril	42	3									
1ay	20	0									
une	5	0	1								
uly	70	0									
ugust	45	0									
eptember	60	5									
October	24	0									
November	68	5									
December	29	5									
otal Year	464	9									
	1 Find the number of resident	s for each of the following grou	ups from the tab	le below:							
	Age group	0-19									
	Number of residents	9729									
	Age Group	25-49									
	Number of residents	13305									
	Age Group	50-75+									
	Number of residents	11725									
						2					
	2 What is the total number of	residents in region 3(Green) fo	or all group ages	?							
		5124									
	3 What is the total number of	users in regions 1-20 for all gro	oups?								
		34759									
	4 Total number of residents ag	ges 0-19 and 50-75+									
	Option 1:	9729									
	Option 2:	11725									
	·										
				Age grou	р						
	City	Region	0-19	25-49	50-75+						
	Tel Aviv	Region 1	3419		378 27	55					
	Tel Aviv	Region 2	1492		126 210						
	Tel Aviv	Region 3	1371		930 183						

	Tel Aviv	Region 4	1607	2133	2102			
	Tel Aviv	Region 5	951	1445	1416			
	Tel Aviv	Region 6	889	1293	1526			
		<b>g</b>						
							t	
Please calculate how	w many numeric values are in th	ne table:					t	
		1					+	
	two							
		3		3			t	
	four						t	
		5					t	
	six	J						
							+	
	seven	Q					+	
an unti		8 <mark>4</mark>					+	
count:		4						
alculate how many i	tems are in table :						+	
chilli sauce							-	
BBQ sauce			4				-	
Vinaigrette sauce							-	
Wine sauce							1	
Mint sauce							L	
Streak sauce								
	6							
The table below sho	w; survey responses;the respo	ndents could use any value fo	r their answers					
How many times do y	ou eat breakfast in a week?							
Name:	Answer							
Avery		7						
Ron		5			_			
Avi		6			5			
Ravi		4						
Ricky	Three							
Nate	I don't know							
David	David							
David	David						+	
Solve by using count	and counta formulas and use only	column B (grey) to answer the	auestions:				H	
Soive by using count	and counta formulas and use only	Column B (grey) to answer the t	questions.					
Question	How many pumorical (with	numbers only )responses are in t	the range?				+	
Question			ine range?					
Answer		<mark>4</mark>						

Question	How many responses in total							
Answer		<mark>7</mark>						
	represents a bank statement of Exc							
Column E shows the	total dollar value amount of each o	of the accounts.						
Account Number	Currency	Amount						
	101 USD- United States	78022						
	102 United Kingdom	99819						
	103 Wine-Japan	Error						
	104 Euro-EMU	27522		6				
	105 Dollar - Australia	0		6				
	106 USD- Canada							
	107 Crown - Denmark	0						
	108 Crown - Norway	88041						
	109 Rand-South Africa	81831						
	110 Crown - Sweden	Error						
	111 Frank- Switzerland							
	112 Diner- Jordan banknotes	26624						
	113 Pound-Lebanese bills	92885						
	114 Pound-Egyptian banknotes	0						
	114 I dana Egyptian banknotes							
Anewor by Heina fi	unctions COUNT and COUNTA							
Question		vers appear in column C- Amo	int?					
Answer	110W Hiarry Humberical arisw		unt:					
Answei	"	υ <u> </u>						
	OOLINT II							
	COUNT returns the number	of cells with a number.						
a		· · · · · · · · · · · · · · · · · · ·						
Question		ers (numbers and letters) appe	ar in column C?					
Answer		2						
Answer using the foll	lowing range:							
Orange								
	4							

3							
L							
#DIV/0!							
AAA							
Apple1234							
Solve by using formulas Co	DUNT,COUNTA and COUNTBLAN	K:					
3 · · · · · · · · · · · · · · · · · · ·	,						
How many cells with a num	nber value are in the grey range(ce	II B3 too B13)?					
2		20 100 2 10).					
_							
How many empty cell are in	n the grey range?						
4							
4							
How many non number and	le are in the grov range?						
How many non number cel	is are in the grey fallye?						
4							
How many cells in total are							
7							
the average age of the fo	llowing people?						
Age							
20							
16		8					
19		0					
3							
9							
7							
12							
12.28571429							
MAX,MIN and Average							
Sumo wrestlers contest -	Names and Weights						
	fomulas to answer the following qu	estions.					
Name			Weight				
Ishaymoto			200				
Solomoto			120				
Greenko			156	_			
			190	9			
Dinamito			190				

Shlomtzi				320	1								
Oveidyudo				89									
Oveldyddo				03									
	1.1 What is the maximum weight	of a wrestler?		320	<u> </u>								
	1.2 What is the minimum weight			89									
	1.3 What is the average between		range)	179.1666667	_								
	The What is the average between	Tale max and the min. (mid	lunge)	1101100001									
The following table con	ntains details about the scores of	students in driving theory to	est, If a student	fails at least one to	est - she or he	needs t	to retake the co	ourse.					
		-1											
	o check if a student passed the te	st							10				
	lower than 50- return "fail"								. •				
2. else -return "pass"													
	T 1.4	T 0	T 0	T	4)/0		<b>A</b> \ \ /			DA 00/EA ''			
	Test 1	Test 2	Test 3	Test 4	AVG		AX	MIN		PASS/FAIL			
Johnny	95					7.75	95			PASS			
Georgy	54					35.5	89			PASS			
Ofri	100					75	100			PASS			
Dani	49	70	8	7 100	0	<mark>76.5</mark>	100		49	PASS			
An A+ student gets 100	0% scholarship and non A+ gets 5	50% scholarship as shown in	the table below	:									
	Amount												
A+	100%				_ 1	1							
A-	50%					•							
	tains the names of students from												
Use IF function to calcu	ulate the scholarships' amounts e	ach of them will get											
Name	GPA	Tuition	scholarship										
sam	A+	46,866											
ari	A-	33,495											
Xena	A-	35,087											
Gabe	A+	42,603											
Eliko	A-	36,971											
Daniela	A+	41,286	100%										
Rotem	A-	37,732	50%										
1.The school decided t	o use the following grade system:												
Grade higher or equal	to 80 - Excellent												

Grade higher or equ	ual to 60 but lower than 80	- good											
Grade lower than 6		good											
Orace lower triair o	o - i alled												
Complete the follow	vina :												
	<u> </u>												
Student name	Grade		Failed /good /Excellent										
John		78	Good				40						
Sarah		85	Excellent				12						
Michael		44	Fail										
Deborah		61	Good										
3elow is a list of the	he employees who work i	n you cor	ner										
Employee	Name		Location	Salary	Age	0.5							
	56815 Garry manship		Hong Kong	1383		25		4		ID 50000 0		F0000	Thomas Davies
	51186 William johnson		Berlin	1177		32		1.what is the nar	пе от Етріоуее	א פאנאס עון 58369 ?		58369	Thomas Davies
	51511 Thomas Bettle		Bangkok	1304		35		0.10/6-46-46				Fatalla Camanali	20
	50890 Ian Nash		Cairo	1827		32		2.What's the age	of Estella Corr	nack?		Estella Cormack	30
	53700 Margaret Turley		Shanghai	1932		26	13	3.Return the loca					
	55879 Michael Kaye		Capetown	1899		35		3.Return the loca	ation of the folio	wing employees:	4 5: 4 45 1		1
	59848 PAul Bell		Bangkok	1038		25 37		FI ID			-	y of the following er	npioyees:
	58369 Thomas Davies 50217 Eric Green		Capetown	12560 1640		42			Location Capetown		Name	Salary 18276	
	50695 William Black		Warsaw Cairo	1578		43			Warsaw		Ian Nash	#N/A	
	59673 Estella Cormack			10959		30			Cairo		Johnny Slash Estella Cormack		
	52130 Chirstopher fallcon		Hong Kong Delhi	1456		32		50095	CallO		Estella Collilaci	10959	
	52 130 Chirstopher fallcon		Delili	1430	2	32							
LOOKUP Exercis	se - Data:												
Name	Age		Gender	Occupation									
John Smith		35	Male	Software Eng									
Jane Doe		42	Female	Data Scientist		14							
Bob Johnson		28	Male	Accountant		14							
Emily Chen		25	Female	HR									
Sam Lee		31	Male	Marketing									
Alice Kim		27	Female	Sales									
Yoav Ishay		38	Male	Lawyer									
Sue Kim		29	Female	Doctor									
Mike Lee		45	Male	CEO									
Lily Chen		33	Female	Engineer									
Question													

1. Create a VLOOKUP fo	rmula to find the occupation of	Jane Doe.									
	result:										
Enter function here:	Jane Doe	Data Scientist									
2. Create a VLOOKUP fo	ormula to find the age of Mike Le	e.									
	Result:										
Enter function here :	Mike Lee	45	3								
Create a VLOOKUP form	nula to find the occupation of a p	person whose name starts w	ith "B"(Challengii	ng!)							
	Result:										
Enter function here :	В										
<u>Data</u>											
Employee ID	101	102	103	104	105	106	107	108	109	110	
Employee Name	John Doe	Jane Smith	Bob Johnson	Sarah Lee	Tom Davis	Emily Brown	Michale Wilson	Jessica Davis	David Martin	Rachel Green	
Department	HR	Marketing	IT	Finance	HR	Marketing	IT	Finance	HR	Marketing	4 5
Salary	50000	-	60000	65000	70000	_	80000	85000	90000	_	15
Bonus	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	
Total Pay	52000	57500	63000	685000	74000	79500	85000	90500	96000	101500	
1.What is the departme	nt of employee with ID 102 ?										
Enter function here:	102	Marketing									
2.what is the salary of e	employee with ID 105 ?										
	405	70000									
Enter the function here:	105	70000									
	f employee with ID 107 ?										
Enter function here :	107	85000									
Data - SUMIF											
Name	Sport	Country	Medals Won								
Michael Phelps	Swimming	USA	28								
Usain BOlt	Athletics	Jamaica	8								
Simone Biles	Gymnastics	USA	19		16						
Katarina Witt	Figure skating	Germany	2		10						
Nadia Comaneci	Gymnastics	Romania	5								
Carl Lewis	Athletics	USA	9								
Larisa Latynina	Gymnastics	USSR	18								
mark Spitz	Swimming	USA	11								
Sonjia Henie	Figure skating	Norway	3								

Yelena Isinbayeva	Athletics	Russia		15			
,							
Question							
1. What is the total num	per of medals won by	athletes from USA?					
	Result:						
Enter function here:		67					
		<u> </u>					
2. What is the Total num	her of medals won by	figure skaters?					
2. Triacio dio Total Itali	Result:	ngaro onatoro.					
Enter function here:	recount	5					
Littor ranotton noro:							
3 What is the total num	ner of medals won by b	both USA and jamaica?(Hai	rd)				
5. Milat lo tro total riulli	Result:	25 Corraina jamaioa : (Hai	.~,				
Enter function here:	. tooditi	75					
COUNTIF Exercise							
Name	Gender	Age	Country	Marital Status			
John	Male	Age	32 USA	Married			
Jane	Female		28 Canada	Single			
Michael	Male		45 UK	Married	17		
Emily	Female		35 Australia	Married			
David	Male		40 USA	Single			
	Female		29 Canada				
Megan	Male		33 UK	Married			
James Sarah	Female		26 Australia	Single			
Chistopher	Male		38 USA	Single Married			
			31 Canada				
Aria	Female		31 Canada	Married			
1.What is the number of	of married individuals	n in the data set 2					
i.vviiat is the number (		s in the data set ?					
Enter function here:	Result:	6					
Enter function nere:		ь					
0.140		. 110.4 * . (b					
2.What is the number of		IE USA IN THE CATA SET?					
Fatantan di Sala	Result:	•					
Enter function here:		3					
0.140							
3.What is the number of		tne data set ?					
	Result:	_					
Enter function here:		5					

SUMIFS Exercise									
Product	Rating	Month	Quantity Solo	d Price	Total Revenue				
Smartphone	5	June	1	5	500 7500	4	8		
aptop		June	1	0	800 8000	1	0		
ablet	3	July	2	0 4	400 8000				
V	4	June	1	2 10	000 12000				
Refrigerator	5	June	1	4 1	500 21000				
1icrowave	4	May	1	8	600 10800				
.What is the total reve	enue of product with a rating of	of 5 in the month of june	?						
	Result:								
Inter function here:	28500	<u> </u>							
what is the total reve	nue of products with a rating	of 4 or higher and sold	int the month of ju	ıne ?					
	Result:								
Enter function here:	48500	)							
3.What is the total qua	ntity sold of products with a ra	ating of 4 or higher and	a Price of \$800 or	higher?					
•	Result:								
Enter function here:	36								
		<u> </u>							
COUNTIFS Exercise									
JOUITH O EXCICISE									
Student Name	Gender	Grade	Subject	Score	Pass/Fail				
ohn	Male	10th	Math		80 Pass				
ane	Female	10th	Math		75 Pass	1	9		
like	Male	11th	Math		60 Fail	_			
Emily	Female	11th	Science		65 Fail				
llex	Male	12th	Math		90 Pass				
Sarah	Female	12th	Math		95 Pass				
oaran David	Male	10th	Math		85 Pass				
inda	Female	11th	Science		75 Pass				
om	Male	12th	Math		70 Pass				
Sophie	Female	10th	Math		80 Pass				
Bob	Male	11th	Math		65 Fail				
mma	Female	12th	Science		90 Pass				

James	Male	10th	Math	95 Pass				
Liam	Female	11th	Math	85 Pass				
1.What is the number of	students who pass in M	ath ?						
	Result:							
Enter function here:	<u>Itoodit.</u>	9						
Littor randuon nordi								
2 What is the number fo	female students who so	ored 75 or higher in science?						
2.What is the number to	Result:	orea 70 or migner in science :						
Enter function here:	ixesuit.	2						
Enter function here.								
Diamia tha table of 1000	1000 to - 0 in the							
Blow is the table of 1998 -	lass tob scores in the pre	ernier League:						
Diameter Control	0.1	0						
Player Name	Club	Goals scored						
Jimmy Floyd Hasseibaink		18						
Michael Owen	Liverpool	18						
Dwight Yorke	Manchester United	18						
Nicolas Aneika	Arsenal	17		20	1			
Andy COle	Manchester United	17		20	'			
Hamilton Ricard	Middlesbrough	15						
Dion Dublin	Aston Villa	14						
Robble Fowler	Liverpool	14						
Julian Jachim	Aston Villa	14						
Alan Shearer	Newcastle United	14						
Complete the following to	table :							
Club	No. Of Top Scorers	Total no. Of Goals Scored	1					
Manchester United		1 35	<mark>;</mark>					
Liverpool		1 32						
Retrieve the birthday for	the following players from	om the data in "Birthdays" wo	ksheet and Co	mplete the table:				
	J, 7**	, , ,						
Player Name	Birthday							
Dwight Yorke	#REF!							
Robble Fowler	#REF!							
How many players score	ad more than 15 goals?			5				
many players score	Ja more than 10 goals:							