## Cashier Broblen: Pick \$20.x 1 = 20\$ Pick \$10 x 3 = 30\$ Pick \$5 x 5 = 25\$ Pick 25& x 1 =0.25\$ 104 x 1 = 0.10\$ Pick 5¢ x.1 = 0.05\$ Pick 1 × 3 = 0.03\$ Pick Total = 75.43\$





		· Date:	
• •	Example No. 2: [cashier problem]	· · · · · · · · · · · · · · · · · · ·	
	Answers:	Continue to	
1.	Yes, there can be more than	one correct answer	since 5
	we can use different comb	inations of bills 4	wins.
	ometrije. See eras stagede - j		•
2.	· Goal is to take out the exact of	mount of \$ 75.43.	6
	Input is the denominations available		itie.
			•
3.	I first checked the total amount	t and then looked at	te .
	denominations that are available.	Then the strategy i the	aght
	was to use big bills and coin	g first.	
	U	Mar Mon (1)	
	1 total amount needed is \$75		
	3 Use the highest denomination are	ilable and denot exc	eed
	the total amount.	Strings S. Hills C.	
The state of	3 Subtract the bills and coin	s used from total	awount.
	y cross out the devominations i	yed.	
- 0	I Go onto the next highest de	nomination available	and repeat to
red for	the process, continue till to	tal amount is reach	ed.
5.	Yes, these steps can be applie	d to make \$89.23.	. 0
	•		. (
6.	Yes, steps used above can be gove	calized to get the e	react (
	change every time.		
	U	25 & * 1, used 1	
		10 4 # 1 , usel 1	
		1 + 1, used 1	
		£ # 3, wed 3	
-	_		And And of the
	10100	1=15+0.25+0.10+0.05 =\$15.43.	4 0.01 15 16 18 18 18 18 18 18 18 18 18 18 18 18 18

PAC chart e's:	· Date:
2.1 Given Da	ta D. A. Par It
\$1 bills=	Neg/Ulace 1
\$2 biels = 1	
\$5 bills =	1010 410000
\$10 bill(= 3	DOED TO COMMENT
\$ 20 bills = 1	
\$ 50 bills = 0	
\$1¢ coins = 1	.0
5¢ coins = 5	
10¢ coine = 5	
25¢ coins= 2	
50¢ coins = 150	
	•
Processing Requir	ed Solution Atternatives
- Use 1 × \$20 bill	
- Use 3x \$ 10 bill	
- Use 5x\$5 bills	·
-Use 1 x 25 ¢ coin :	
- Use 1 x 10 ¢ coin =	
- Use 1 × 5 ¢ coin =	
- Use 3 x 1 & coiv =	
- Total: \$20+\$30+\$25-	
+\$0.10+\$0	
=\$75.43.	

		Date:
•		15 this said
d.5		Required Result
	M2 = 12321	number is galindreme.
	Processing Required	Solution Alternatives
	-> Pererse the number	1 Deversing the number.
	sequence n's, it will be same.	@ checking that from lettor
	as n'1, hence no. is palindra	are. right to middle of
	- It reversed no is not same as 1	The state of the s
	then its not a palinchome.	
Q.6	Griven data	Required Result
	NI	number is ever or
	,	odd.
	Processing Required	Solution Atternative
	-> remainder is 0, when	O Divisible by 2.
	n1/2, so even.	
	-> remainder is not 0, when	the contraction of the contracti
	n1/2, so odd.	13 Clarenna
IPO Os:		
Q.7	Ipput Processing M	Module Reference Output
	Num 1 1. Futer Num 1.	Module Ressence Output  Read Ever/odd
	Num 2 2. Enter Num 2.	Regol
	3. Multiply both No.s.	Calca
	4. check everlodd.	Colc.
Marie Ser	5. Print everyald.	Print
	6. End	Ever/Odd
		•
	. 14 Mars 1 1 Mars 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
-	.7.40	





F	lowchart Q's:				
.8	(start)	4. 0.0	7	(start)	100
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	/Input			Input	
	Lengto (2)			celciuses /	
	Wiette (w)			Temp.	
	- Wich C		-	-	
	Process			Process	
	Perimeter=		fahre = /	Cx9 )+32	
_	Deugh +			146.4!	
	Width)		—— <del>—</del> —	-	
	1 Print			Brint	
	17			aprenheit	
	Perinter		1		
				End).	7.7.7
	(Fud.)				
			11 (	start)	1
90	(start)	Q.	11 (	3(0.000)	
	7.1			-	1
+	Input /	37,		Input	/
	num1	71.8	/ per	= 100 Rs.	17
	num2		sca	1e=50 Ps.	
	hum3		Marine V	1	
			- total		
	Process			Process	
-	Product =		136	cost fes) = .  * 100) +  * 150) +  le * 50)	
	num1 ** num2 * num3		(Per	* 100)+ ···	संप्रदे सम्पर्ध
	nam 2		Ciuk	* 150)+	213
1.51	· · · · · · · · · · · · · · · · · · ·	3.0	Csio	le * 50)	SEC
-	Print		/ F	vint 1	
-	product		Tota	rint Lost (ls.)	
1		<u> </u>		1 2 2 2 3	
	Final	<u>.</u>		*	
	(Fual)		(F	nd	





