Troy borrows \$5620.00 to purchase a four wheeler. He takes out personal loan from his credit union at an annual rate of 5% with an loan payment calculator table (page 132) to answer the questions. Interest rate (%) Term in years

Important (INTEREST COMPOUNDED MONTHLY)

1. What is Troy's monthly payment? 30 Briss (11) 5.60 X 18.87

= \$ 106.05

= 5.62

2.	Calculate the total amount he will pa	ay
	over the <u>5</u> years. (60 mm/hs)	

106,05 ×	60	= 6363.00
106,05 X	60	= 6363.00

l		1	2	3	4	5
	3.00	84.69	42.98	29.08	22.13	17.97
	3.25	84.81	43.09	29.19	22.24	18.08
ı		\leq	\sim	\sim	\sim	· ·
	5.00	85.61	43.87	29.97	23.03	18.87
	5.25	85.72	43.98	30.08	23.14	18.99
	5.50	85.84	44.10	30.20	23.26	19.10
	5.75	85.95	44.21	30.31	23.37	19.22
	6.00	86.07	44.32	30.42	23.49	19.33
	6.25	86.18	44.43	30.54	23.60	19.45
	6.50	86.30	44.55	30.65	23.71	19.57
	6.75	86.41	44.66	30.76	23.83	19.68
	7.00	86.53	44.77	30.88	23.95	19.80

3. Calculate the finance charge on the loan.

5 17.97

John is purchasing a new car which costs \$42,000.00. He has a down payment of \$5000.00. He takes out a personal loan from his local bank at an annual rate of 5.75% and an amortization period of 4 years. (Use 15% HST)

Tax first then subtract downtrant

Interact rate (%)	Torm in voors
(INTEREST COM	POUNDED MUNIHLY)
	IENT FER \$1000.00 BORROWED
	N PAYMENT CALCELATOR:

Interest rate (%) Term in years				
	1	2	3	4
3.00	84.69	42.98	29.08	22.13
3.25	84.81	43.09	29.19	22.24
	<u> </u>	· ·	///	/
5.00	85.61	43.87	29.97	23.03

(n) 49000 oo	(1) 48300.00	-
X 1.15	- 5000.00	
482m 00	43300 00 Amoun	

1. What is John's monthly payment?

	5.00	85.61	43.87	29.97	23.03	18.87
	5.25	85.72	43.98	30.08	23.14	18.99
	5.50	85.84	44.10	30.20	23.26	19.10
	5.75	85.95	44.21	30.31	23.37	19.22
	6.00	86.07	44.32	30.42	23.49	19.33
	6.25	86.18	44.43	30.54	23.60	19.45
	6.50	86.30	44.55	30.65	23.71	19.57
1	6.75	86.41	44.66	30.76	23.83	19.68
,	7.00	86.53	44.77	30.88	23.95	19.80
		•				

2. Calculate the total amount he will pay over the 4 years. (48 months)

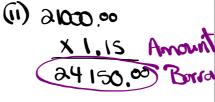
3. Calculate the finance charge on the loan.

Jack is purchasing a new trailer which costs \$36 000.00. He is trading in his old trailer which they valued at \$15 000.00. He takes out a personal loan from his local bank at an annual rate of 5.25% and an amortization period of 5 years. (Use 15% HST)

Subtract the trade invalu PERSONAL LOAN PAYMENT CALCY ATOR:
MONTHLY PAYMENT SER \$1000.00 BORROWED
(INTEREST COMPOUNDED MUNITILY)

1. What is Jack's monthly payment?

(1)	36∞°.∞
	-15000.°°
	31000.∞



	3.25	84.81	43.09	29.19	22.24	18.08
	~~	$\stackrel{\smile}{-}$	~ ~	\sim	\simeq	\sim
	5.00	85.61	43.87	29.97	23.03	18.87
	5.25	85.72	43.98	30.08	23.14	18.99
	5.50	85.84	44.10	30.20	23.26	19.10
	5.75	85.95	44.21	30.31	23.37	19.22
cd	6.00	86.07	44.32	30.42	23.49	19.33
	6.25	86.18	44.43	30.54	23.60	19.45
	6.50	86.30	44.55	30.65	23.71	19.57
	6.75	86.41	44.66	30.76	23.83	19.68
7	7.00	86.53	44.77	30.88	23.95	19.80

42.98

29.08

22.13

17.97



Term in years

84.69

Interest rate (%)

2. Calculate the total amount he will pay over the <u>5 years</u>. (60 months)

3. Calculate the finance charge on the loan.

$$$\frac{$336.60}{$} = $\frac{$336.60}{$}$$