HW 3 (Mathematic of Finance) Date: ______,

Name

You need Scantron <u>882E</u>. Be sure your Scantron is <u>clean</u> and <u>not folded</u> when you submit.

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Find the interest. Round to the nearest cent.

1) \$530 at 15% for $2\frac{1}{2}$ years

1) _____

A) Interest = \$198.75

B) Interest = \$88.33

C) Interest = \$19.88

D) Interest = \$31.80

2) \$2180 at 15% for 22 months

2) _____

A) Interest = \$14.86

B) Interest = \$59,950.00

C) Interest = \$7194.00

D) Interest = \$599.50

Find the exact interest. Use 365 days in a year, and use the exact number of days in a month. Round to the nearest cent, if necessary.

3) \$1300 at 10% for 114 days

3) _

- A) \$41.17
- B) \$4.06
- C) \$4.12
- D) \$40.60

4) \$7940 at $14\frac{1}{2}$ % for 66 days

- A) \$201.00
- B) \$211.07
- C) \$1151.30
- D) \$208.18

- 5) A loan of \$97,000 at 13% made on Feb 18 and due on June 30
 - A) \$4728.75
- B) \$4560.33
- C) \$4663.97
- D) \$4623.67

Find the present value of the future amount. Assume 365 days in a year. Round to the nearest cent.

6) \$200 for 4 months; money earns 2%

- A) \$1.32
- B) \$196.08
- C) \$198.68
- D) \$199.00

- 7) \$15,000 for 110 days; money earns 8%
 - A) \$13,888.89
- B) \$14,650.01
- C) \$14,646.87
- D) \$353.13

- 8) \$1200 for 315 days; money earns 7%
 - A) \$1121.50
- B) \$1131.84
- C) \$1131.64
- D) \$68.36

10)

11) _____

Find the proceeds. Assume 365 days in a year. Round to the nearest cent.

- 9) \$20,000; discount rate 7%; length of loan 4 months
 - - B) \$466.67
- C) \$19,650.00
- D) \$19,533.33

10) \$9110; discount rate 13%; length of loan 10 months

A) \$18,600.00

- C) \$8123.08
- D) \$986.92

11) \$483; discount rate 14.9%;

- length of loan 11 months
 - A) \$417.03

A) \$7925.70

B) \$411.03

B) \$8221.78

- C) \$423.03
- D) \$65.97

	12) \$3360; discount rate 8%;				12)
	length of loan 178 days				
	A) \$3228.91	B) \$3229.65	C) \$131.09	D) \$3091.20	
Find	the actual interest rate paid,		e simple discount note	2.	
	13) \$4800; discount rate 5%;	C			13)
	A) 5.2%	B) 6.2%	C) 7.2%	D) 4.2%	
	14) \$4000; discount rate 5.5%	%; length of loan 4 mo			14)
	A) 6.6%	B) 5.6%	C) 7.6%	D) 4.6%	, <u> </u>
	15) \$29,000; discount rate 9.	0%: length of loan 8 mo			15)
	A) 11.6%	B) 9.6%	C) 8.6%	D) 10.6%	
	16) \$30,000; discount rate 69	%: length of loan 3 mo			16)
	A) 5.1%	B) 7.1%	C) 6.1%	D) 8.1%	
	17) \$49,000; discount rate 59	Vilonath of loan 6 ma			17)
	A) 7.1%	B) 5.1%	C) 6.1%	D) 4.1%	17)
Solve	e the problem.				
	18) How much must Harry's	s Hardware deposit at 14.5	5% interest for 240 days	s in order to earn \$500.00	18)
	interest?	D) #050/	C)	D) #2440	
	A) \$5244	B) \$2586	C) \$5172	D) \$3448	
	19) Novelties-and-Such bor interest on the loan.	crowed \$7100 for 75 days a	and paid \$182.36 in inte	erest. Find the rate of	19)
	A) 13.0%	B) 12.5%	C) 12.7%	D) 12.0%	
	20) Allan borrowed \$5800 fr	2	. He repaid him after 10	months with interest of	20)
	4%. Find the total amount A) \$5974.00	В) \$6032.00	C) \$193.33	D) \$5993.33	
	A) \$3974.00	D) \$6032.00	C) \$195.55	ט קטאאט.	
	21) Tuition of \$2600 is due v			nmount should a student	21)
	1 ,	have enough to pay tuition		D) #111 07	
	A) \$2500.00	B) \$2488.04	C) \$2452.83	D) \$111.96	
	22) Ted owes \$14,000 to Mar	ry. The loan is payable in 1	l year at 10%. Mary nee	eds cash, so 4 months	22)
	before the loan is payabl	le she goes to her bank wh	ich will pay her the ma	turity value of the note	· · · · · · · · · · · · · · · · · · ·
	less a 14% discount fee.	Find the amount Mary wil	l receive.		
	A) \$14,681.33	B) \$14,501.67	C) \$718.67	D) \$13,962.67	
	23) A company has ordered	15 new personal compute	ers at a cost of \$1900 eac	ch. They will not be	23)
	delivered for 4 months.	What amount should the f		•	<u></u>
	enough money to pay fo		0) + :-:		
	A) \$14,078.25	B) \$27,821.16	C) \$27,656.48	D) \$27,987.82	
Find	the compound amount for th	e deposit. Round to the n	earest cent.		
	24) \$1920 at 6% compounde				24)
	A) \$5809.15	B) \$4108.80	C) \$4224.00	D) \$6157.70	

	25) \$6390 at 9% compounded s	emiannually for 6 years			25)
	A) \$9840.60	B) \$8321.44	C) \$10,716.67	D) \$10,836.68	
Find	the compound interest earned b	· .	he nearest cent.		
	26) \$6000 at 6% compounded q	uarterly for $\frac{1}{2}$ year			26)
	A) \$741.60	B) \$720.00	C) \$177.38	D) \$181.35	
	27) \$20,625 at 12% compounded				27)
	A) \$37,581.20	B) \$13,377.58	C) \$37,577.49	D) \$14,353.97	
Find	the effective rate corresponding		e. Round results to the ne	arest 0.01 percentage	-
	28) 11% compounded semiann	-	C) 11 000/	D) 11 200/	28)
	A) 11.46%	B) 11.57%	C) 11.00%	D) 11.30%	
	29) 15% compounded quarterly	7			29)
	A) 15.00%	B) 15.56%	C) 16.08%	D) 15.87%	
	20) 20/				20)
	30) 3% compounded monthly	D) 2 040/	C) 2 020/	D) 2.020/	30)
	A) 0.43%	B) 3.04%	C) 2.03%	D) 3.02%	
	31) 12% compounded monthly				31)
	A) 2.90%	B) 12.36%	C) 12.68%	D) 12.55%	, <u> </u>
Find indic	the amount that should be inves	sted now to accumulate th	ne following amount, if tl	ne money is compoun	ded as
maic	32) \$19,000 at 9% compounded	semiannually for 9 yr			32)
	A) \$41,961.10	B) \$8748.13	C) \$10,396.79	D) \$8603.21	
	π, ψτι,νοι.10	D) ψ0/ 1 0.13	C) ψ10,070.77	D) \$0005.21	
	33) \$6600 at 6% compounded q	uarterly for 4 yr			33)
	A) \$5227.82	B) \$1399.00	C) \$8375.30	D) \$5201.00	
Solve	e the problem. Round to the nea	rest cent.			
	34) If inflation is 4% a year com	pounded annually, what	will it cost in 23 years to b	uy a house	34)
	currently valued at \$52,000	?			
	A) \$133,291.82	B) \$128,165.21	C) \$81,998.76	D) \$123,235.78	
	35) June made an initial deposi	t of \$5400 in an account fo	or her son. Assuming an in	terest rate of 8%	35)
	compounded quarterly, how	w much will the account b	e worth in 14 years?		· ·
	A) \$9589.56	B) \$16,193.00	C) \$16,047.35	D) \$16,368.29	
	36) A small company borrows	\$87,000 at 6% compounde	d monthly. The loan is du	e in 3 years. How	36)
	much interest will the comp	2 2 2			
	A) \$16,593.24	B) \$17,018.78	C) \$17,111.21	D) \$104,111.21	
	37) John Lee's savings account	has a balance of \$1736. Af	ter 7 years, what will the a	amount of interest	37)
	be at 6% compounded semi	2			
	A) \$874.30	R) \$300 06	C) \$729.12	D) \$889.86	

38) Ar	38) Andrea Gilford's savings account has a balance of \$4639. After 6 years, what will the amount of					
int	terest be at 10% com	npounded quarterly?				
	A) \$3751.68	B) \$3742.68	C) \$231.95	D) \$3756.68		
39) Ba	rry Newman's savi	ngs account has a balance o	of \$4502. After 11 years, w	what will the amount of	39)	
int	terest be at 4% comp	pounded annually?				
	A) \$2419.62	B) \$2428.62	C) \$1800.80	D) \$2433.62		
lve the pro	oblem.					
40) A	bank gives you two	options to choose from for	r your investments:		40)	
	_	_				
De	_	_				
			B) Option B			
41) Ma	interest be at 10% com A) \$3751.68 By Barry Newman's saving interest be at 4% comp A) \$2419.62 The problem. By A bank gives you two Option A: 8% and Option B: 7.9% and Decide which is the be A) Option A By Mark and Kate are est deposit in an account to have \$60,000 in the A) \$27,031.41 By James purchased a bow would he have to earr investment? A) 18.3% By Anne purchased a bow interest compounded A) 19.94 years By You just put \$3264 in savings account that is year, the values of you A) 4 years By You have money in an long will it take for you A) 6 years By You have money in an long will it take for you A) 6 years By You have money in an long will it take for you A) 15 years By You have money in an long will it take for you A) 46 years By You have money in an long will it take for you A) 15 years By You have money in an long will it take for you A) 15 years	tablishing a fund for their s	son's college education. W	hat lump sum must they	41)	
de	posit in an account	that gives 8% annual inter	est rate, compounded mo	1	,	
		-		D) \$20 251 41		
	A) \$27,031.41	D) \$31,007.41	C) \$20,001.41	D) \$29,331.41		
42) Jar	mes purchased a bo	nd for \$3200, and ten mon	ths later he sold it for \$37	00. What annual rate	42)	
		n in a savings account com	pounded monthly, to earr	n the same money on his		
	A) 18.3%	B) 17.55%	C) 19.05%	D) 19.55%		
43) Ar	nne purchased a boi	nd for a museum valued at	: \$8000 for \$2400. If the bo	and pays 5.5% annual	43)	
int	terest compounded	monthly, how long must s	he hold it until it reaches	its full face value?		
	A) 19.94 years	B) 21.94 years	C) 20.94 years	D) 23.94 years		
44) Yo	ou just put \$3264 in	a CD that is expected to ea	rn 15% compounded moi	nthly, and \$9018 in a	44)	
	Anne purchased a bond for a museum valued at \$8000 for \$2400. If the bond pays 5.5% annual neterest compounded monthly, how long must she hold it until it reaches its full face value? A) 18,3% B) 17.55% C) 19.05% D) 19.55% Anne purchased a bond for a museum valued at \$8000 for \$2400. If the bond pays 5.5% annual neterest compounded monthly, to earn the same money on his neters to myounded monthly, and \$9018 in a avings account that is expected to earn 4% compounded annually. Determine when, to the nearest rear, the values of your money to double? A) 4 years B) 12 years C) 8 years D) 10 years (ou have money in an account at 10% interest, compounded monthly. To the nearest year, how ong will it take for the account balance to reach \$1,000,000? A) 46 years B) 51 years C) 71 years D) 36 years					
ye	ar, the values of you	ur two investments will be	the same.			
	A) 4 years	B) 12 years	C) 9 years	D) 6 years		
45) Yo	ou have money in ar	n account at 7% interest, co	empounded monthly. To t	he nearest year, how	45)	
lor	ng will it take for yo	our money to double?				
	A) 6 years	B) 14 years	C) 8 years	D) 10 years		
46) Yo	ou have money in ar	n account at 10% interest, c	ompounded monthly. To	the nearest year, how	46)	
lor	ng will it take for yo	our money to triple?				
	A) 15 years	B) 11 years	C) 7 years	D) 9 years		
47) \$6	149 is deposited int	o a savings account at 10%	interest, compounded w	eekly. To the nearest	47)	
•	· ·					
	A) 46 years	B) 51 years	C) 71 years	D) 36 years		
					48)	
	_	-	-	mine when, to the nearest		
-	•					
	A) 4 years	B) 5 years	C) 7 years	D) 2 years		

Find the value

rmu	tile value.					
	49) s 19 0.02				49)	
	A) 24.297	B) 72.841	C) 22.841	D) 21.412		
	50) 14 0.08				50)	
	A) 36.715	B) 27.152	C) 21.495	D) 24.215	,	
Find	the future value of the ordina	ary annuity. Interest is	compounded annually, ur	lless otherwise indicated	l.	
	51) $R = 100 , $i = 0.06$, $n = 6$				51)	
	A) \$2364.20	B) \$563.71	C) \$223.04	D) \$697.53		
	52) R = \$1000, i = 0.06, n = 13	3			52)	
	A) \$35,548.80	B) \$16,869.94	C) \$3353.66	D) \$18,882.14		
	53) R = \$7500, i = 12% intere	est compounded semian	nually for 9 years		53)	
	A) \$356,792.39	B) \$231,792.39	C) \$154,747.70	D) \$211,596.60		
	54) R = \$900, i = 8% interest	compounded semiannu	ially for 8 years		54)	
	A) \$19,280.52	B) \$18,021.23	C) \$42,142.08	D) \$19,642.08	J I)	
Find	the periodic payment that wi	ill render the sum.				
	55) S = \$39,000, interest is 8% compounded annually, payments made at the end of each year for					
	12 years					
	A) \$3666.58	B) \$2055.11	C) \$3170.81	D) \$2342.98		
	56) $S = \$270,000$, interest is 10% compounded semiannually, payments made at the end of each semiannual period for 8 years					
	A) \$5607.44	B) \$28,274.89	C) \$23,609.88	D) \$11,412.88		
	57) S = \$23,000, interest is 18	3% compounded month	ly, payments made at the e	nd of each month for	57)	
	3 years					
	A) \$509.80	B) \$6438.25	C) \$486.51	D) \$612.70		
	58) S = \$36,000, interest is 12	% compounded quarte	rly, payments are made at t	he end of each quarter	58)	
	for 5 years	D) #1707 00	C) ¢1200 0E	D) ¢1025 (0		
	A) \$1339.77	B) \$1797.88	C) \$1208.95	D) \$1935.60		
	the amount of each payment		o o	-	late the	
10110	owing amount. Payments are r 59) \$5500; money earns 11%		-	aven is per period.	59)	
	A) \$562.18	B) \$695.07	C) \$883.14	D) \$323.46	·	
	60) \$83 000: money earns 8%	compounded semianr	ually for 10 years		60)	

61) \$83,000; money earns 3% compounded quarterly for
$$4\frac{1}{2}$$
 years

D) \$2596.25

	62) \$75,000; money earns 4.0% compounded monthly for $1\frac{1}{2}$ years					
	A) \$1964.30	B) \$2023.85	C) \$234.68	D) \$4049.86		
Find t	the future value of the annuity 63) Payments of \$500 made at		ur for 14 years at 5% compo	ounded annually	63)	
	A) \$8356.49	B) \$19,299.32	C) \$9299.32	D) \$10,289.28		
	64) \$800 deposited at the begin	nning of each year for 15 y	years at 8% compounded a	nnually	64)	
	A) \$18,571.94	B) \$23,459.43	C) \$30,921.69	D) \$20,921.69		
	65) \$1500 deposited at the beg	inning of each year for 13	years at 10% compounded	d annually	65)	
	A) \$30,576.43	B) \$40,462.48	C) \$35,284.07	D) \$50,284.07	,	
	66) \$200 deposited at the begin	nning of each quarter for '	7 years at 9% compounded	l quarterly	66)	
	A) \$2005.69	B) \$7857.75	C) \$7120.14	D) \$7484.84		
Solve	the problem.					
	67) If Bob deposits \$5000 at the	3	1 , 0	10% interest	67)	
	compounded annually, fin A) \$16,550.00	d the amount he will have B) \$18,205.00	e on deposit. C) \$30,525.50	D) \$23,205.00		
	68) Lou has an account with \$3	10,000 which pays 8% into	erest compounded annuall	y. If to that account,	68)	
	Lou deposits \$5000 at the elast deposit.	1 2	-		, <u></u>	
	A) \$35,730.56	B) \$36,135.45	C) \$32,530.56	D) \$22,530.56		
	69) At the end of every 3 mont				69)	
	quarterly. After 3 years, she puts the accumulated amount into a certificate of deposit paying 8.5% compounded semiannually for 1 year. When this certificate matures, how much will Teresa have					
	accumulated? A) \$1535.24	B) \$1410.54	C) \$1417.33	D) \$1380.12		
	70) Which of the following inv	vestments is larger after 1	l years?		70)	
		-	rest compounded annually est compounded monthly.	7.		
	71) Which of the following inv	vestments is larger after 10) years?		71)	
	A) An initial amount of at 6.75% compounde		\$800 deposited monthly, v	with interest earned		
	B) An initial amount of \$19,200 is deposited with \$9600 deposited annually, with interest earned at 6.75% compounded annually.					
	72) Joan wants to start an IRA				72)	
	should she invest annually A) \$84.73	r in her IRA to do this if th B) \$1220.60	ne interest is 16% compour C) \$1271.08	nded annually? D) \$1258.08		
	73) Mark wants to start an IRA		-		73)	
	should he invest quarterly A) \$565.27	in his IRA to do this if the B) \$578.27	e interest is 12% compound C) \$6113.61	ded quarterly? D) \$1105.39		

	74) Laura wants to start an IRA that will have \$870,000 in it when she retires in 29 years. How much should she invest monthly in her IRA to do this if the interest is 15% compounded monthly?					
		2	C) \$35,683.50	-		
	A) \$146.14	B) \$133.14	C) \$33,683.30	D) \$2507.54		
	75) O 11 1 1	1 111 440	2 000	TTI .		
	•	aping wants to build a \$13		1 2 1	75)	
	a sinking fund with payments made quarterly. Find the payment into this fund if the money earns					
	12% compounded qua	•	C) #12 001 10	D) #14.0E7.F0		
	A) \$9371.18	B) \$7009.10	C) \$13,091.19	D) \$14,956.70		
Find	the value.					
	a				76)	
	76) 30 0.03		2		76)	
	A) 19.6004	B) 47.0662	C) 19.1885	D) 20.0004		
	a					
	77) 28 0.065				77)	
	A) 18.0228	B) 12.7465	C) 12.9075	D) 12.575		
Find	the present value of the or	dinary annuity.				
		de annually for 13 years at	6% compounded annually	7	78)	
	A) \$4337.82	B) \$4554.55	C) \$4108.06	D) \$4336.26	,	
	79) Payments of \$3900 ma	ide annually for 25 years at	t 9% compounded annual	lv	<i>7</i> 9)	
	A) \$38,308.05	B) \$37,853.40	C) \$38,269.14	D) \$38,723.10		
	, . ,	, . ,	, . ,	, . ,		
	80) Payments of \$16,000 n	nade annually for 10 years	at 12% compounded anni	ıally	80)	
	A) \$90,403.57	B) \$90,435.20	C) \$103,640.00	D) \$95,003.20		
	11) \$50,100.07	D) ψ70,100.20	C) ψ100,010.00	Β) φ/0,000.20		
	91) Paymonts of \$05,000 n	nada camiannually for 12 y	years at 10% compounded	comionnuolly	01\	
	•	nade semiannually for 12 y	C) \$1,192,283.92	•	81)	
	A) \$842,013.50	B) \$1,191,338.00	C) \$1,192,203.92	D) \$1,214,423.00		
	the lump sum deposited to		= -	early payment (made at t	he end of	
each	year for 20 years at the give	en interest rate, compound	ded annually).		00)	
	82) \$750 at 3%	D) #10 742 40	C) ¢11 E(1 0E	D) #11 150 13	82)	
	A) \$11,150.62	B) \$10,742.40	C) \$11,561.25	D) \$11,158.12		
	83) \$30,000 at 5%	D) 40 (2 000	O)	5)	83)	
	A) \$373,866.30	B) \$362,559.00	C) \$373,746.00	D) \$384,636.00		
Find	the payment necessary to a					
		ded annually; 10 annual pa	-		84)	
	A) \$13,412.62	B) \$12,606.81	C) \$14,407.15	D) \$13,410.62		
	85) \$10,000; 9% compound	ded semiannually; 10 semi	annual payments		85)	
	A) \$1262.36	B) \$1558.19	C) \$1375.74	D) \$1263.79		
	86) \$1300; 12% compound	led quarterly; 8 quarterly p	payments		86)	
	A) \$261.70	B) \$185.19	C) \$185.24	D) \$166.96		

Find the monthly house payment necessary to amortize the following loan.						
	87) In order to purchase a home, a family borrows \$80,000 at 11% for 30 yr. What is their monthly payment?					
	A) \$761.86	B) \$24.44	C) \$784.09	D) \$733.33		
	00\ I.,	(:11	200 - 1 0 00/ (20 1471)	. i.,	00)	
	88) In order to purchase a hom payment? Round the answ		000 at 6.6% for 50 yr. wha	is their monthly	88)	
	A) \$1244.22	B) \$4023.64	C) \$853.50	D) \$792.00		
	11) 41=111=	2) 4 10 2 010 1	C) \$000.00	2) 4.72.00		
	89) In order to purchase a home, a family borrows \$318,000 at 11.3% for 15 yr. What is their monthly					
	payment? Round the answ	•	·	,	,	
	A) \$2994.50	B) \$4140.23	C) \$22,831.98	D) \$3674.51		
	90) In order to purchase a hom	ue a family horrows \$45.00	00 at 11% for 30 yr. What i	s their monthly	90)	
	payment?	ic, α failing boffows \$45,00	30 at 11 /0 101 30 y1. Wildt 1	5 then monthly		
	A) \$441.05	B) \$412.50	C) \$13.75	D) \$428.55		
	, .	, .	, .	, .		
	91) In order to purchase a hom	e, a family borrows \$157,0	000 at 7.1% for 15 yr. What	t is their monthly	91)	
	payment? Round the answ	er to the nearest cent.	•	•	· ·	
	A) \$1419.95	B) \$10,968.91	C) \$1656.01	D) \$928.92		
	amortization table to solve th				92)	
	92) The monthly payments on a \$58,000 loan at 13% annual interest are \$641.48. How much of the first					
	monthly payment will go toward the principal?					
	A) \$13.15	B) \$628.33	C) \$558.09	D) \$83.39		
	02) The monthly payments on	a \$54,000 loop at 129/ appr	ual interest are \$569.62 L	over much of the first	93)	
	93) The monthly payments on monthly payment will go t		uai iiiterest are \$300.02. Fi	ow much of the first	93)	
	A) \$540.00	B) \$28.62	C) \$68.23	D) \$500.39		
	11) \$540.00	<i>D)</i> ψ20.02	C) \$60.25	D) ψ000.57		
	94) The monthly payments on	a \$58,000 loan at 11% anni	ual interest are \$659.46 H	ow much of the first	94)	
	monthly payment will go t		uur mierest ure 4007/10/11	ovv indext of the inov	, 1)	
	A) \$586.92	B) \$127.79	C) \$531.67	D) \$72.54		
Solve	the problem.					
	95) In order to purchase a hom	ie, a family borrows \$45,00	00 at an annual interest rat	e of 10%, to be paid	95)	
	back over a 30 year period	in equal monthly paymen	ts. What is their monthly լ	payment?	<u>-</u>	
	A) \$408.92	B) \$375.00	C) \$394.91	D) \$12.50		
	96) Tasha borrowed \$15,000 to	-		1 2	96)	
	back in equal monthly pay		2 1 2			
	A) \$41.67	B) \$567.17	C) \$125.00	D) \$484.01		
	97) Julio buys a bike which has	s a cash price of \$250. He a	norees to take a one-veer l	oan for the entire	97)	
	amount at 27%, payable in					
	money and decides to pay			e e e e e e e e e e e e e e e e e e e		
	A) \$88.72 B) \$90.83 C) \$288.00 D) \$159.17					

90) The Habe	218 purchase a 500	oo nyng room set and	. take out a two-year i	oan for the entire amount at	90)	
26% with	monthly paymen	nts. After 14 of 24 instal	lments, they decide to	pay it off. How much do		
they save in interest? How much is needed to pay the balance of the loan?						
A) \$19	04.32, \$4902.52	• •	B) \$383.53, \$3118	3.27		
C) \$15	20.79, \$3381.73		D) \$350.18, \$8404	1.32		
99) You want to take out a loan to buy a new car for which you need to finance \$11,158. Your bank						
will give you a loan at 7% compounded monthly. You look at your budget and decide that you can						
	afford a payment of \$295 a month. How many years, to the nearest tenth of a year, must the loan be taken out to meet these conditions?					
			C) 5 0 xxooro	D) 7 5 years		
A) 2.1	years	B) 3.6 years	C) 5.0 years	D) 7.5 years		
100) You have a \$4028 credit card debt, and you plan to pay it off through monthly payments of \$78. If						
				enth of a year) will it take	, 	
•	pay your debt?	1 ,	0 (,		
A) 4.9	1 3 3	B) 3.7 years	C) 7.3 years	D) 6.1 years		
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