1.	. You have invested \$100,000 at $2.5\%$ compounded annually. I	How	much	will	your	investme	nt be
	worth in 20 years?						

2.	You want to have $$10,000$ on your $25^{th}$ birthday, how much would you r	need to	put i	in an
	expression are also interest compounded monthly when you turn 21?			

3.	Is it more	profitable to	receive	\$7,000	now	or	\$10,000	in	9	years	if	your	money	$\operatorname{can}$	$\operatorname{earn}$	4%
	interest co															

4.	Would you rather	earn $3\%$	interest	compounded	annually	or 2.92%	compounded	daily?	Does
	your answer deper	nd on how	v much y	ou will invest	?				

5.	If you	deposit	\$1000	for si	x years	in an	account	earning	3.6%	${\rm interest}$	compounded	monthly
	how n	nuch inte	erest do	you	$\mathbf{make} \ \mathbf{d}$	uring	the six	th year	?			

6. If you need \$2300 in three years, and have \$2000 to invest in an account that earns interest compounded annually, what is the minimum rate of interest you need the account to earn? Write your answer as a percentage rate, correct to 2 decimal places.

7.	If you dep	osit \$2000	in an accor	int earning 2'	% simple	interest,	how muc	ch will you	ı have	in 18
	months?	(Assume th	at you earı	n pro-rated in	terest for a	a part of	a year).			

8.	If you	invest	\$100	in an	${\rm account}$	earning	2.7%	interest	compou	$\operatorname{inded}$	monthly,	how	much	will
	you ha	ave in 1	l year'	? Wha	at simple	interest	rate	would gi	ve you t	he sar	ne return	in or	ie year	?

9.	If an account	pays you	7.95% in	nterest	compounded	quarterly,	what	effective	rate of	interest	are
	you earning?										