Name: KEY

Section 7.2 - Interest and Deductions

Simple Interest:

$$I = Prt$$

Compound Interest:
$$A = P \left(1 + \frac{r}{n}\right)^{nt}$$

If I invest \$5000 in a GIC that pays me 6% interest over a five-year period, how much interest do I make?

If I invest \$32 000 in a Mutual Fund that pays me 8%, is compounded monthly, over a 7 year period, what is my new amount at the end of the seven years and how much is interest?

$$P = 32 \infty \quad n = 12$$
 $r = 0.08 \quad f = 7$
 $A = 32000 \left(1 + \frac{0.08}{12}\right)^{12.7}$
 $A = 32000 \left(1 + \frac{0.08}{12}\right)^{89}$
 $A = 32000 \left(1 + \frac{0.08}{12}\right)^{12}$

I make \$5600 GROSS monthly, determine what bracket I fall into annually, deduct my necessary income, EI, and CPP taxes. Determine my NET annual salary and how much I would receive NET pay on a bi-weekly paystub.

18.4% 1.66% 495%

25.01% Total Deductions

67200 , 0.2501 = 16806.72

NET ANNUAL = 67200-16906.72

= 50393.28

NET BI-WEEKLY - 50393. ZR

Taxable Income	Average Tax Rate
	TOTAL PROPERTY.
\$30 000	12.4%
\$40 000	14.3%
\$50 000	16.4%
\$60 000	18.4%
\$70 000	19.8%
\$80 000	20.8%
\$90 000	22.0%
\$100 000	23.4%
\$110 000	24.8%
\$120 000	26.1%
\$130 000	27.2%
\$140 000	28.2%

EI: 1.66%

CPP: 4.95%