Year la Applications - Finance L

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Simple Interest PARXT,
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p=princepie (initial investment) r= rate (as a decimal)

T= time (in years)

e.g find the interest earnt on an investment of \$100/after 2 years at a rate of 7.5% p.a

P= 100

100 x 0.075 x2= \$150

R= 0.075

T = 2

* remember ! simple interest only pinds the interest earns and not the full, final amount after the two years. To find the final amount, add simple interest to the princecipie so... 100 + 150 = \$aso (final amount)

compound interest A= P(I+1/n)nt

A= total amount P= principal r= late (as a decimal)

T=time h= number of compounding periods

e.9 Determine the value of an investment of \$1000, after 5 years, at a rate of 5.2% p.a, compounded mombily.

using formula

Reactivities ? A = \$1 296.20 can dothis

*when giving answers for money rember to give to 2.d.p and put the \$\$\$

Using finicial

PMT=0

PN = 12

C/Y= 12 .. FV=\$1296

finding FV

N= 12x5=60

1= 5.2

for you py = -1000

reminder to put. what each letter

Stands for in

your notes)