21. In each of the following you are to follow through the sequence of calculations specified by the statements and specify the resulting value of the indicated variable.

(3 pts) a)
```
R=2.
S=-3.
T=2.
A=(R**2+S**2)/4.*T
```

A= _____

(2 pts) b)
```
I=7
J=2
K=3
M=I/J*K
```

M= _____

(3 pts) c)
```
X=7.
Y=-5.
Z=3
N=2.*X+Y/2.+Z
```

N= _____

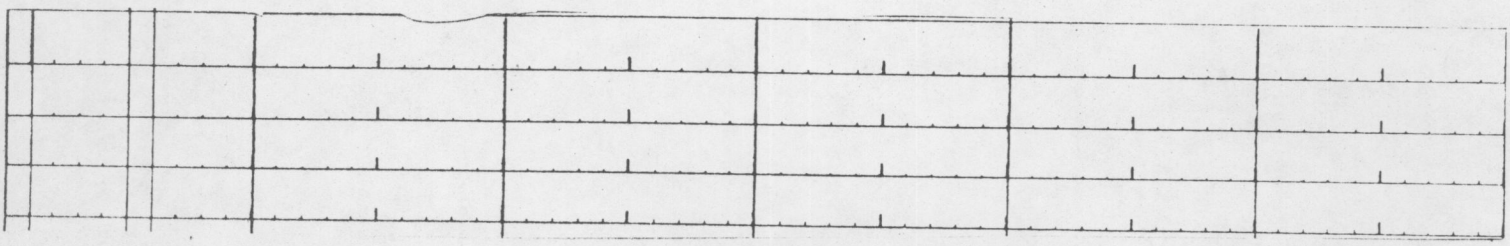
22. Translate each of the following mathematical expressions into an equivalent FORTRAN expression.

(3 pts) a) $\sqrt{5-3T^2}$

(3 pts) b) $\dfrac{A^{2K}}{5B}$

(3 pts) c) $\dfrac{5K-3L}{2K^2+L}$

(5 pts) 23. Consider the following card layout.

Card Columns	Description
5-12	Policy Number (Integer)
13-34	Name of Insured (Alphanumeric)
35-39	Premium Amount (XXX∧XX)
45-49	Amount of Policy (XXXXX∧)

On the following coding form, write the FORTRAN statements necessary to read the above card and assign the appropriate variable names to the data fields.