```
V=xy+ (cm) v. = 73, y. = 60, 20=40 dx = dx = dx = dt = 0.2
     La = 98 Ly = x & fe = xy
     d+= du dx + dy dx + du dz = x=(0.2) + xx(02) + xx(02)
         = (60)(40)(0.2) + (75)(40)(0.2) + (70)(60)(02) = 480 + 600 + 900 = 1980 cm3
    dV(15,60,10) = 1980cm3
   6: 2= & SIN(7) x=st y=st f(x)=c* g(x)=sin(x)
       \frac{\partial z}{\partial s} = fai \frac{\partial J(s)}{\partial s} + J(\gamma) \frac{\partial f(x)}{\partial s} = fai \frac{\partial J(x)}{\partial \gamma} \frac{\partial r}{\partial s} + J(\gamma) \frac{\partial f(x)}{\partial x} \frac{\partial x}{\partial s}
            = 20 Coscylston + Sincyl et t2
     1 2 = 2 est' Cos(s26) st. + Sin(s26) ct.
      DE = fex, dgex dx + gers dfex dx
         = e* Coscys s2 + 25:ncys e* st
  1 2 = 5th Cos (sit) si + 2 sin (sit) cist
7: x3-6xy +x3= 0
    dy = - fr = 3x2 - 6y
                                      = \frac{x^2 - 2y}{y^2 - 2x} \quad \frac{dy}{dx} = -\frac{x^2 - 2y}{y^2 - 2x}
    dx fx 3x2 - 6x
```