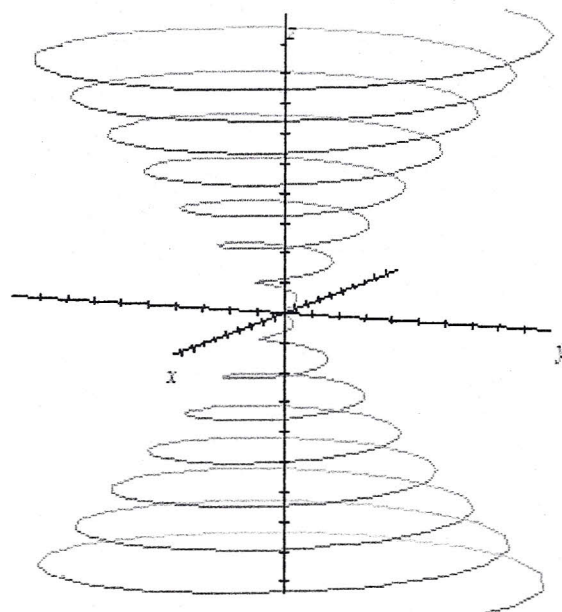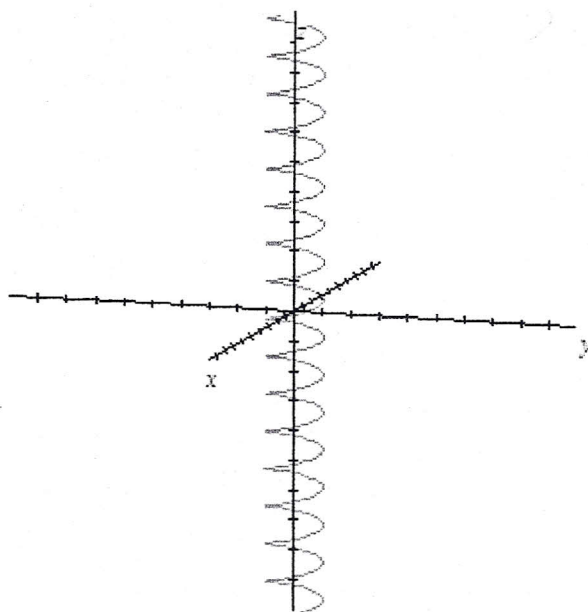13) Two of the following are graphed (and two are not). Label the graphs a, b, c, or d.

a) $x = \cos(5t)$, $y = \sin(5t)$, $z = t$
b) $x = t\cos(5t)$, $y = t\sin(5t)$, $z = t$
c) $x = t$, $y = t^2$, $z = t^3$
d) $x = \cos(5t)$, $y = t$, $z = \sin(5t)$

a)

(only one which
forms circles
in x-y direction)

$x^2 + y^2 = 1$

b)

only one which
forms circles of
changing radius's
in x-y

$x^2 + y^2 = t^2$

as t grows the
radius grows.