Let *C* be the circle of radius 7 in the plane *x* + *y* + *z* = 24, centered at (8, 8, 8) and oriented counterclockwise when viewed from the origin.  
  
Find the exact value of http://www.webassign.net/images/integral.gif*c* http://www.webassign.net/images/boldF.gif**·** *d*http://www.webassign.net/images/boldr.gif