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**commandwindow**

**clear**

**clc**

**syms x y z**

**R=(x^2\*y\*z^3)+(x\*y^2\*z^2)**

**G=gradient(R,[x,y,z])**

**Gn=subs(G,[x,y,z],[1,3,2])**

**RESULT**

R =x^2\*y\*z^3 + x\*y^2\*z^2

G =y^2\*z^2 + 2\*x\*y\*z^3

x^2\*z^3 + 2\*y\*x\*z^2

3\*x^2\*y\*z^2 + 2\*x\*y^2\*z

Gn = 84

32

72

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