**Summary:**

1000+ variations. Formula manipulations.

**Question: >1000 Variations**

a) If <EFOFEX>
id:fxe{7bc17f18-3db9-40ac-be16-c74e877ce603}
FXGP:DP-X3V7ZCJ
FXData:

</EFOFEX> find q if <EFOFEX>
id:fxe{5f6182c0-fb8d-47be-9633-4775be85cc00}
FXGP:DP-X3V7ZCJ
FXData:

</EFOFEX>, <EFOFEX>
id:fxe{f22f1515-50d6-4bd2-b279-593c5000c862}
FXGP:DP-X3V7ZCJ
FXData:

</EFOFEX> and <EFOFEX>
id:fxe{3f7b5d78-c2b6-4462-bb18-7220a99e22e7}
FXGP:DP-X3V7ZCJ
FXData:

</EFOFEX>.

b) If <EFOFEX>
id:fxe{9cc98350-e1f3-4b17-85e8-b8919f52fbeb}
FXGP:DP-5Q3CXQV
FXData:

</EFOFEX> find u if <EFOFEX>
id:fxe{737c4c08-80bd-4925-83c9-0583a1e9854b}
FXGP:DP-5Q3CXQV
FXData:

</EFOFEX>, <EFOFEX>
id:fxe{ec091c50-6db7-46ce-af7e-2e3df3f01e73}
FXGP:DP-5Q3CXQV
FXData:

</EFOFEX> and <EFOFEX>
id:fxe{7b179dae-599b-49c5-b23b-43165afaa22e}
FXGP:DP-5Q3CXQV
FXData:

</EFOFEX>.

c) Make b the subject of this formula. <EFOFEX>
id:fxe{8d54b7fa-019a-4867-b764-77152bf7f5d6}
FXGP:DP-4JKMAK2
FXData:

</EFOFEX>

d) Make r the subject of this formula. <EFOFEX>
id:fxe{2e00637f-9bb8-46c6-8933-5bc643298200}
FXGP:DP-B7RS8YD
FXData:

</EFOFEX>

**Solution:**

a) <EFOFEX>
id:fxe{3a20e957-1932-4eac-aa73-bb85a09ae280}
FXGP:DP-X3V7ZCJ
FXData:

</EFOFEX>

b) <EFOFEX>
id:fxe{7ca6199e-0f16-4f4f-a564-224b45355e56}
FXGP:DP-5Q3CXQV
FXData:

</EFOFEX>

c) <EFOFEX>
id:fxe{0f229bb5-f8c9-4282-8f73-16c19090de82}
FXGP:DP-4JKMAK2
FXData:

</EFOFEX>

d) <EFOFEX>
id:fxe{8ee715ee-0c03-493c-9429-4eb0fcc4be1a}
FXGP:DP-B7RS8YD
FXData:

</EFOFEX>