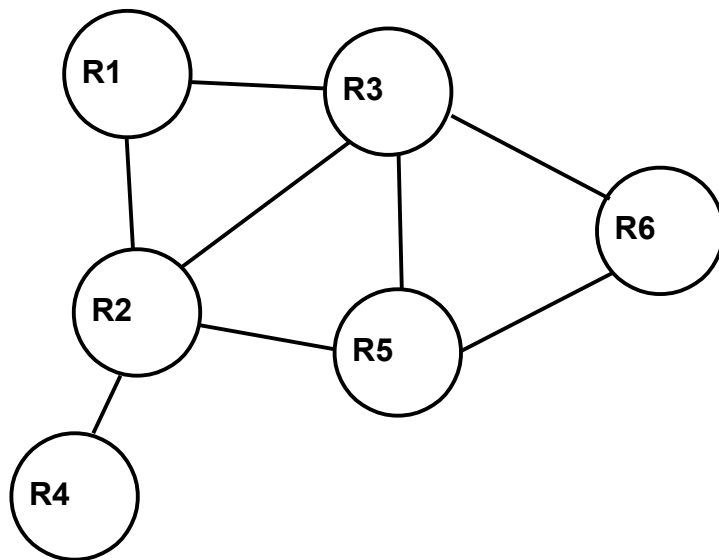


Given the topology shown below, and the routers' label tables shown below:

- Trace the LSP for each FEC listed in **R5's** table, and identify the router-label combinations used for each hop (ie. fill in middle chart)
- Identify the routers which is the eLER each FEC (ie. fill in last col in R5 table)
- Submit** your answers on BrightSpace!!

Network Topology



R5 Label Table

FEC	Egress Label	Next Hop	eLER?
X	220	R6	
Y	130	R3	
Z	160	R6	
Q	330	R2	

Hop-by-Hop Router-Label combinations

- X – \_\_\_\_\_
- Y – \_\_\_\_\_
- Z – \_\_\_\_\_
- Q – \_\_\_\_\_

Ingress label	Egress label	Next Hop
<b>R1</b>		
240	350	R2
110	140	R3
330	POP	IP
140	130	R2
<b>R2</b>		
170	330	R1
140	POP	IP
130	150	R4
330	110	R1
<b>R3</b>		
160	130	R2
110	POP	IP
220	POP	IP
130	170	R2
200	240	R1
140	200	R6
<b>R4</b>		
150	POP	IP
210	POP	IP
160	200	R3
<b>R6</b>		
170	160	R5
220	220	R3
350	350	R5
200	POP	IP
160	160	R3