# **UD5-01: TABLA DE DIRECCIONAMIENTO IP INCOMPLETA (II)**

**1-** Completar la tabla que adjunta en la imagen del ejercicio.

| **IP** | **Máscara** | **Red** | **Rango de dirección IPs válidas** | **Nº de IPs válidas** | **Dirección de difusión o broadcast** |
| --- | --- | --- | --- | --- | --- |
| 12.17.82.3 | 255.0.0.0 | 12.0.0.0 | 12.0.0.1 - 12.255.255.254 | 16777214 | 12.255.255.255 |
| 130.91.24.5 | 255.255.0.0 | 130.91.0.0 | 130.91.0.1 - 130.91.255.254 | 65534 | 130.91.255.255 |
| 172.16.16.210 | 255.255.0.0 | 172.16.0.0 | 172.16.0.1 - 172.16.255.254 | 65534 | 172.16.255.255 |
| 220.168.100.225 | 255.255.255.0 | 220.168.100.0 | 220.168.100.1 - 220.168.100.254 | 254 | 220.168.100.255 |
| 30.56.98.67 | 255.0.0.0 | 30.0.0.0 | 30.0.0.1 - 30.255.255.254 | 254 | 30.255.255.255 |
| 192.168.42.56 | 255.255.255.0 | 192.168.42.0 | 192.168.42.1 - 192.168.42.254 | 254 | 192.168.42.255 |
| 200.10.10.34 | 255.255.255.0 | 200.10.10.0 | 200.10.10.1 - 200.10.10.254 | 254 | 200.10.10.255 |
| 8.8.8.8 | 255.0.0.0 | 8.0.0.0 | 8.0.0.1 - 8.255.255.254 | 16777214 | 8.255.255.255 |
| 221.45.69.23 | 255.255.255.0 | 221.45.69.0 | 221.45.69.1 - 221.45.69.254 | 254 | 221.45.69.255 |