EJERCICIO 1
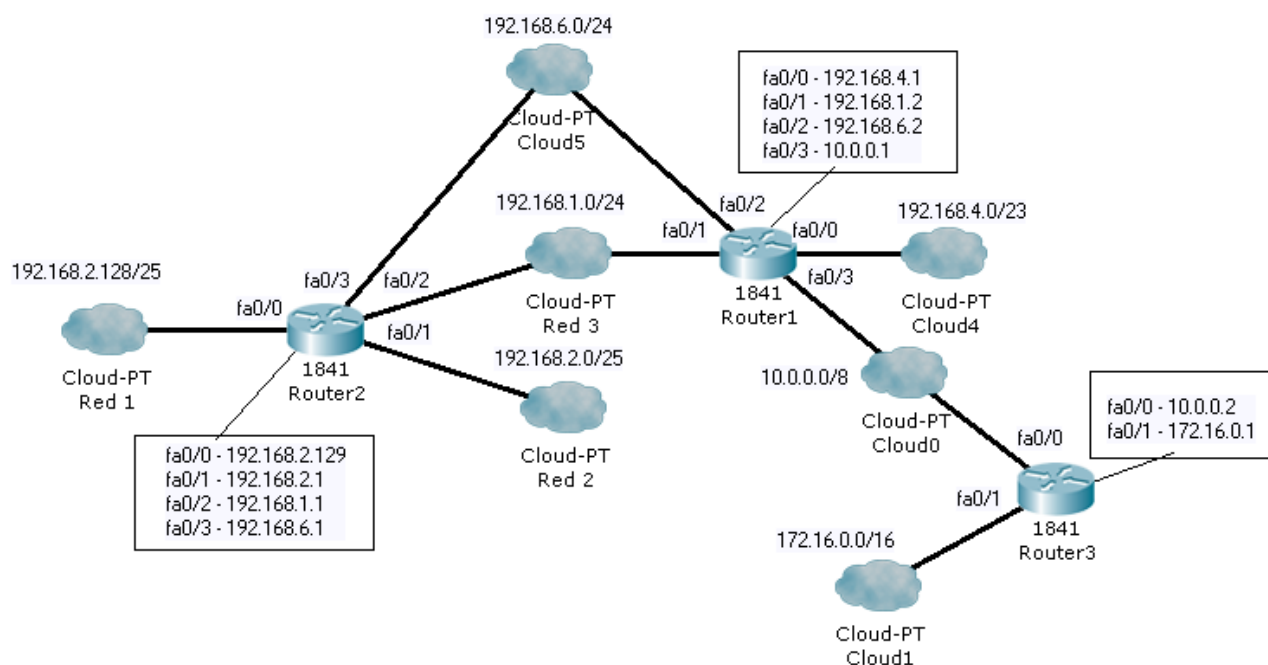
Dado el siguiente esquema de red, rellena las tablas de enrutamiento de los Routers 1, 2 y 3

ROUTER 1					
Nombre de red	Dirección de red	Máscara	Interfaz salida	Próximo salto	Métrica
CLOUD 0	10.0.0.0/8	255.0.0.0	Fa0/3(10.0.0.1)	---	0
CLOUD 1	172.16.0.0/16	255.255.0.0	Fa0/3(10.0.0.1)	10.0.0.2	1
CLOUD 4	192.168.4.0/23	255.255.254.0	Fa0/0(192.168.4.1)	---	0
CLOUD 5	192.168.6.0/24	255.255.255	Fa0/2(192.168.6.2)	---	0
CLOUD 5	192.168.6.0/24	255.255.255	Fa0/1(192.168.1.2)	192.168.1.1	1
RED 1	192.168.2.128/25	255.255.255.128	Fa0/1(192.168.1.2)	192.168.1.1	1
RED 1	192.168.2.128/25	255.255.255.128	Fa0/2(192.168.6.2)	192.168.6.1	1
RED 2	192.168.2.0/25	255.255.255.128	Fa0/1(192.168.1.2)	192.168.1.1	1

RED 2	192.168.2.0/25	255.255.255.128	Fa0/2(192.168 6.2)	192.168.6.1	1
RED 3	192.168.1.0/24	255.255.255.0	Fa0/1(192.168.1.2)	---	0
RED 3	192.168.1.0/24	255.255.255.0	Fa0/2(192.168 6.2)	192.168.6.1	1

ROUTER 2					
Nombre de red	Dirección de red	Máscara	Interfaz salida	Próximo salto	Métrica
CLOUD 0	10.0.0.0/8	255.0.0.0	Fa0/2(192.168.1.1)	192.168.1.2	1
CLOUD 0	10.0.0.0/8	255.0.0.0	Fa0/3(192.168.6.1)	192.168.6.2	1
CLOUD 1	172.16.0.0/16	255.255.0.0	Fa0/2(192.168.1.1)	192.168.1.2	2
CLOUD 1	172.16.0.0/16	255.255.0.0	Fa0/3(192.168.6.1)	192.168.6.2	2
CLOUD 4	192.168.4.0/23	255.255.254.0	Fa0/2(192.168.1.1)	192.168.1.2	1
CLOUD 4	192.168.4.0/23	255.255.254.0	Fa0/3(192.168.6.1)	192.168.6.2	1
CLOUD 5	192.168.6.0/24	255.255.255	Fa0/3(192.168.6.1)	---	0
CLOUD 5	192.168.6.0/24	255.255.255	Fa0/2(192.168.1.1)	192.168.1.2	1
RED 1	192.168.2.128/25	255.255.255.128	Fa0/0(192.168.2.129)	---	0
RED 2	192.168.2.0/25	255.255.255.128	Fa0/1(192.168.2.1)	---	0
RED 3	192.168.1.0/24	255.255.255.0	Fa0/2(192.168.1.1)	---	0
RED 3	192.168.1.0/24	255.255.255.0	Fa0/3(192.168.6.1)	192.168.6.2	1

ROUTER 3					
Nombre de red	Dirección de red	Máscara	Interfaz salida	Próximo salto	Métrica
CLOUD 0	10.0.0.0/8	255.0.0.0	Fa0/0(10.0.0.2)	---	0
CLOUD 1	172.16.0.0/16	255.255.0.0	Fa0/1(172.16.0.1)	---	0
CLOUD 4	192.168.4.0/23	255.255.254.0	Fa0/0(10.0.0.2)	10.0.0.1	1
CLOUD 5	192.168.6.0/24	255.255.255	Fa0/0(10.0.0.2)	10.0.0.1	1
CLOUD 5	192.168.6.0/24	255.255.255	Fa0/0(10.0.0.2)	10.0.0.1	2
RED 1	192.168.2.128/25	255.255.255.128	Fa0/0(10.0.0.2)	10.0.0.1	2
RED 1	192.168.2.128/25	255.255.255.128	Fa0/0(10.0.0.2)	10.0.0.1	2
RED 2	192.168.2.0/25	255.255.255.128	Fa0/0(10.0.0.2)	10.0.0.1	2
RED 2	192.168.2.0/25	255.255.255.128	Fa0/0(10.0.0.2)	10.0.0.1	2
RED 3	192.168.1.0/24	255.255.255.0	Fa0/0(10.0.0.2)	10.0.0.1	1
RED 3	192.168.1.0/24	255.255.255.0	Fa0/0(10.0.0.2)	10.0.0.1	2