

The seven days of class

(an OSI layered model song by Bob Cunningham)

On the first day of Class my teacher gave to me a physical layer protocol (ones and zeros).

On the second day of Class my teacher gave to me two delimited frames, and a physical layer protocol (ones and zeros).

On the third day of Class my teacher gave to me three network routers, two delimited frames, and a physical layer protocol (ones and zeros).

On the fourth day of Class my teacher gave to me four end to end error-free transports, three network routers, two delimited frames, and a physical layer protocol (ones and zeros).

On the fifth day of Class my teacher gave to me five optional sessions, four end to end error-free transports, three network routers, two delimited frames, and a physical layer protocol (ones and zeros).

On the sixth day of Class my teacher gave to me six generally useful protocols, five optional sessions, four end to end error-free transports, three network routers, two delimited frames, and a physical layer protocol (ones and zeros).

On the seventh day of Class my instructor gave to me seven standardized forms, six generally useful protocols, five optional sessions, four end to end error-free transports, three network routers, two delimited frames, and a physical layer protocol (ones and zeros).

Sing the to the tune of "the twelve days of Christmas"

For best results, sing at least twice a day (preferably just before going to bed and just after getting up in the morning).



OSI Mnemonic

All	(Application 7)
People	(Presentation 6)
Seem	(Session 5)
To	(Transport 4)
Need	(Network 3)
Data	(Data Link 2)
Products	(Physical 1)

Example Protocols

<i>7 - Application</i>	SNMP, X.400, EDI, HTTP, FTP, SMTP, TELNET
<i>6 - Presentation</i>	TIFF, JPG, GIF, MPEG, MIDI, MP3, ZIP, RAR, PGP, ASCII, UNICODE, EBCDIC
<i>5 - Session</i>	NFS, SQL, RPC, X Windows
<i>4 - Transport</i>	TCP, UDP
<i>3 - Network</i>	IP, IPX, RIP, IGRP, EIGRP, OSPF, IS-IS, BGP
<i>2 - Data Link</i>	Ethernet, Token Ring, 802.x, PPP, HDLC, Frame Relay
<i>1 - Physical</i>	V.90/V.92, V.35, X.21, EIA-232, EIA-449, EIA-530

Cisco Terms

<i>Layer 4</i>	Segments
<i>Layer 3</i>	Packets
<i>Layer 2</i>	Frames
<i>Layer 1</i>	Bits

