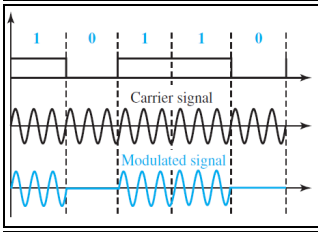
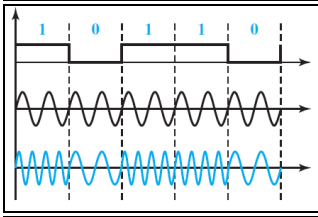
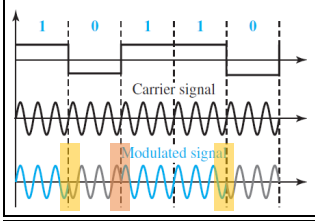
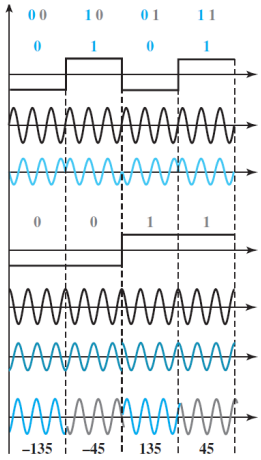
Table to Remember various shift keying modulations

Shift Keying Method	What Changes	Visualization Changes	Examples (Depending on the description of the implementation)
ASK (Amplitude Shift Keying)	**Amplitude** of the carrier signal	Signal gets **longer** or **shorter**	
FSK (Frequency Shift Keying)	**Frequency** of the carrier signal	Signal gets faster or slower (i.e. **more** or **less** cycle)	
PSK (Phase Shift Keying)	The **phase** of the carrier signal	Signal starts from **different phase angle**	
QPSK (Quadrature Phase Shift Keying)	The phase of two orthogonal carrier signals	It is a bit tricky, The vector addition of two signals gives the result. Vocabs: • In-phase: Orginal Carrier signal • Quadrature / Out-phase: orthogonal (90º rotation) of the original carrier signal.	

ASK and FSK also have **Multi-level keying** i.e. different combination of bits gives different levels of modulation within the same bit stream.