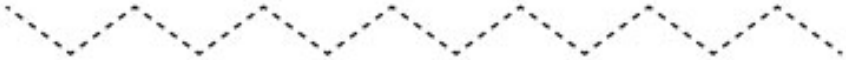TRACING LINES