

|       |   |                    |   |
|-------|---|--------------------|---|
| L24Q1 | What are the values at $t=0, 2, 4,$ and $6$ seconds?  |                    |   |
|       | 3, -6, -6, 3  |                    |   |
| L24Q2 | Is this enough information to reproduce the waveform?   | NO                 |   |
| L24Q3 | How should one connect the data points?   |                    |   |
|       | Point-to-point with curvy lines.  |                    |   |
| L24Q4 | Let $v_1(1)=2$ . Plot $v_1(t)$ .  |                    |   |
|       |   |                    |   |
| L24Q5 | Let $v_1(1)=2$ . Plot $v_1(t)$ . If $T_s=0.5s$ what is $v_1[6]$ ?                                 | -2                 | V |
| L24Q6 | Let $v(t)=5\cos(\pi/3)t - 2\cos(\pi t)$ . If $T_s=0.5s$ what is $v[6]$ ?                          | -6                 | V |
| L24Q7 | Speech is intelligible if frequencies up to $3.5$ kHz are preserved. What should we use for $s$ ? | $T_s \leq (1/7)ms$ |   |