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**EXERCISE 2.5:** For the signal in Fig. 2-6,  $x(t) = 20 \cos(2\pi(40)t - 0.4\pi)$ , find  $G$  and  $t_1$  so that the signal  $y(t) = Gx(t - t_1)$  is equal to  $5 \cos(2\pi(40)t)$ .

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