<u> </u>	WAPM UP
	1 300 HZ 600 HZ 900 HZ 1200 HZ 1500 HZ
	2. a) a= 2nt nER b) a= (2n+1) t nER
	Exercises
	1. A). 400 HZ b). 400 HZ c). 200 HZ
	d). 200 HZ e). 100 HZ
	Yes. They month up.
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	2 a) h(t) = Asin (wt-p-T)
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_	20+1
	b). There is a phase shift of W
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	There would not be annal difference perceived
_	be cause shifting a single sine wave does
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_	not result in a change to our parception.
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3. Proof: Asin(Wt+0) + Asin(Wt+0)+TL)=0 Sin(7+y) = Sinx cosy + cosx siny Suppose 4=TL. Sin (X+TV) = Sin X COST + COST Sin TL COSTC = -1 Sin TC = 0Therefore Sin (x+TL) = - Sin x Substitute 7 for wt + \$ $\sin(wt+\phi+\pi)=-\sin(wt+\phi)$ A sin (wt+ p) + Asin(wt+p+TL) = A sin (Wt+ p) - A sin (Wt+ p) =0 \emptyset , E, D,