E zz

h) 8 cycl./sec
$$Y=a \cos b(x)$$

ampl. 40
$$t=0 \rightarrow max$$

$$8 cycl. = b = 1b\pi$$

$$1 sec = 2\pi$$

$$527$$
 50
 $55i = 55 + 55 \cdot 2$
 $155 \cdot 3 + \cdots + 55 \cdot 10$
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 $\frac{622}{8}$ $\frac{100}{2}$ $\frac{100}{45}$ $\frac{100$

$$X = \frac{2 \sin 45}{\sin 105}$$

$$= \frac{12.4}{16 + 12} = \frac{4}{13 + 1}$$

$$= 213 - 2$$

 $A = \frac{1}{2} absln C = \frac{1}{2} (2)(213-2) \frac{1}{2}$ = 13-1

$$\frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}$$

E21

HA:
$$y=0$$
 $VA': X=-7, X=4$
 $X: M=0$
 $X: M=0$