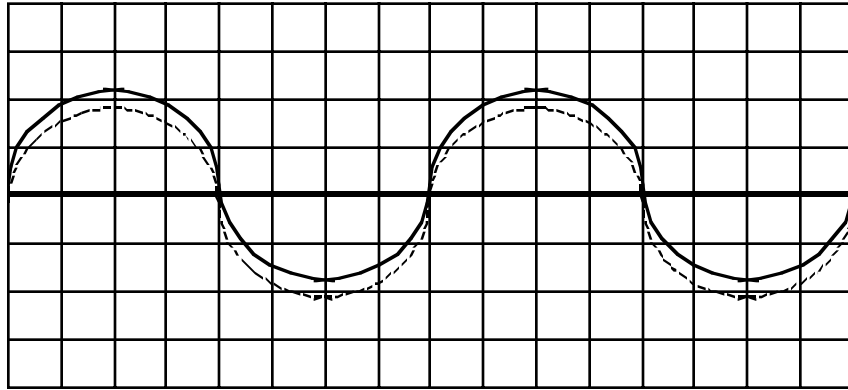
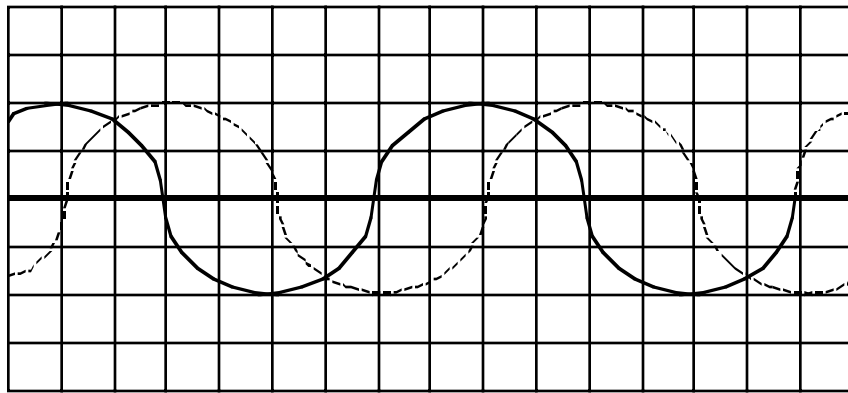


Wave Superposition: In each case, draw the resultant wave.

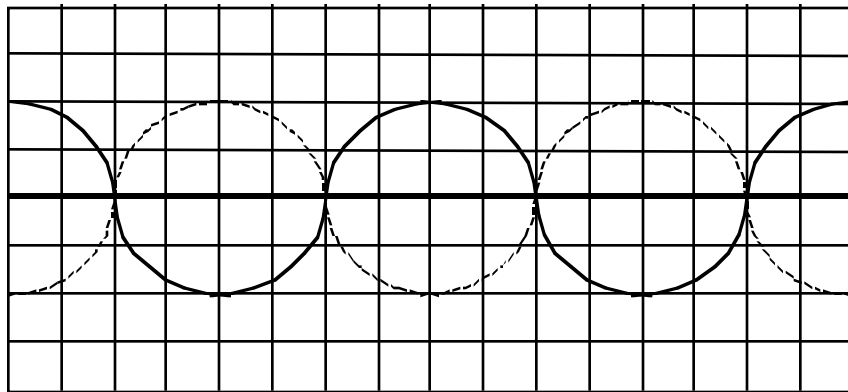
1.



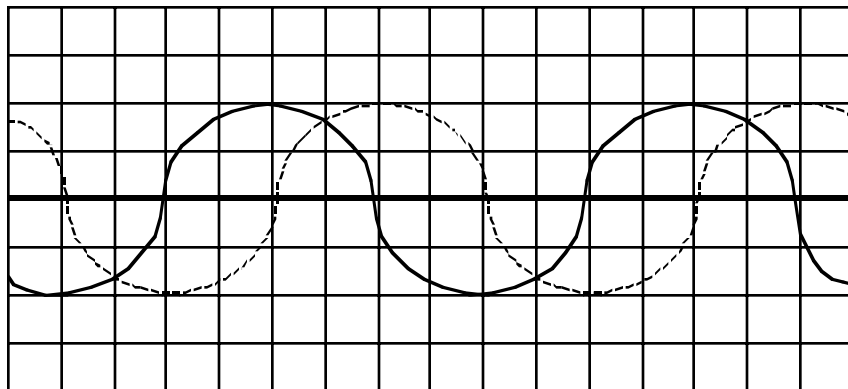
2.



3.



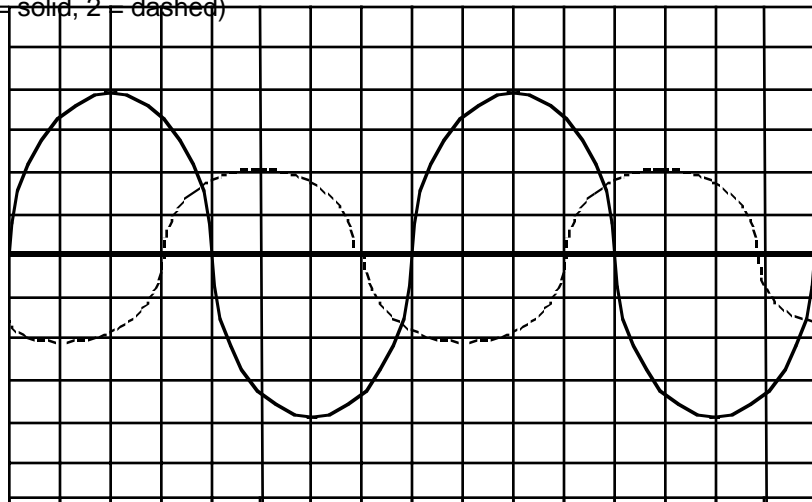
4.



Wave Superposition: In each case, circle the correct answers and draw the resultant wave. Also fill in the actual frequency values. (1 = solid, 2 = dashed)

$f_1 > = < f_2$   
 $\lambda_1 > = < \lambda_2$   
 $A_1 > = < A_2$

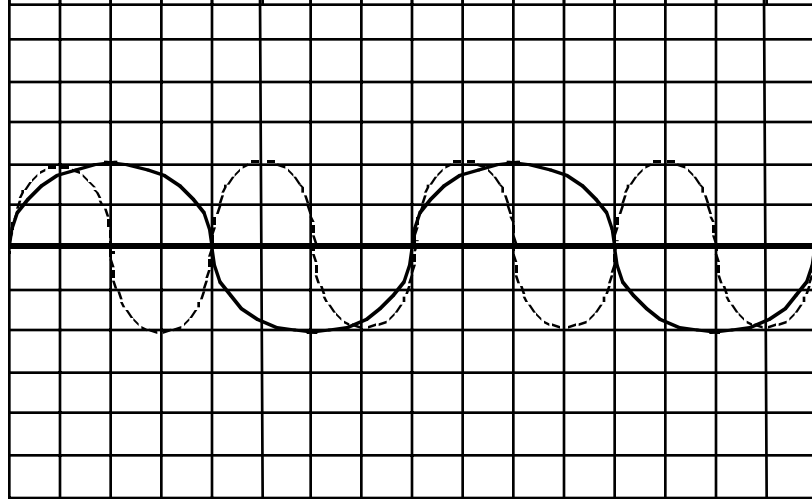
$f_1 = \underline{\hspace{2cm}}$  Hz  
 $f_2 = \underline{\hspace{2cm}}$  Hz



1 sec.

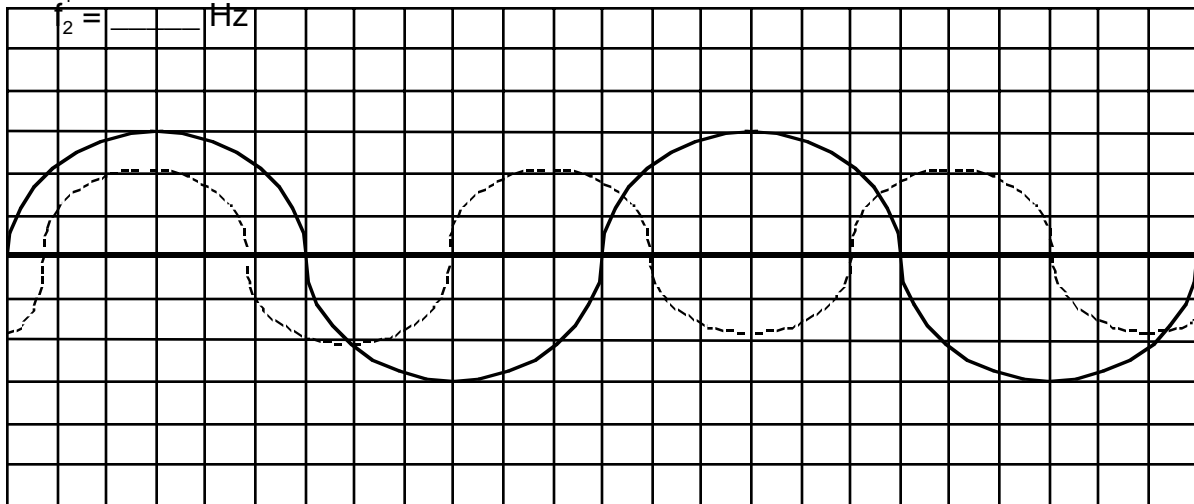
$f_1 > = < f_2$   
 $\lambda_1 > = < \lambda_2$   
 $A_1 > = < A_2$

$f_1 = \underline{\hspace{2cm}}$  Hz  
 $f_2 = \underline{\hspace{2cm}}$  Hz  
 1 sec.



$f_1 > = < f_2$   
 $\lambda_1 > = < \lambda_2$   
 $A_1 > = < A_2$

$f_1 = \underline{\hspace{2cm}}$  Hz  
 $f_2 = \underline{\hspace{2cm}}$  Hz



1 sec.