

# Display of periodic signals on the oscilloscope

## Student Group

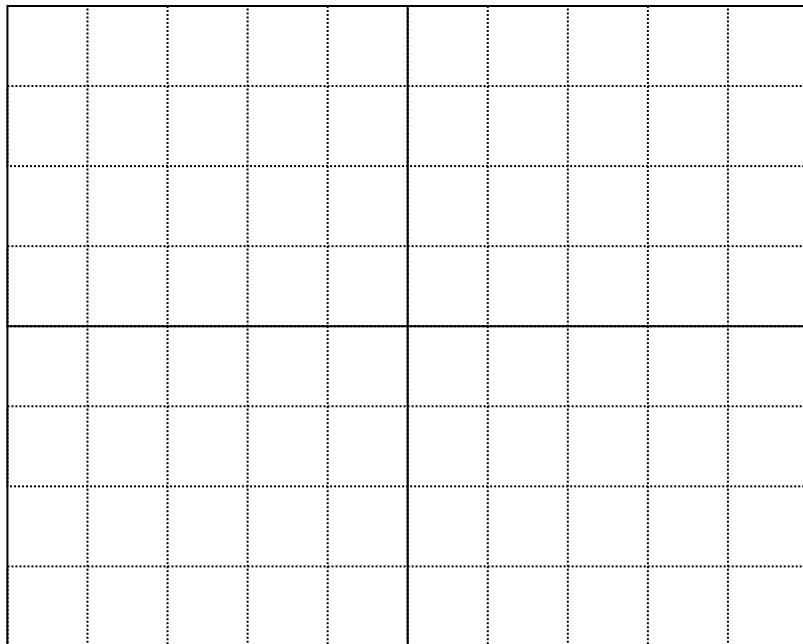
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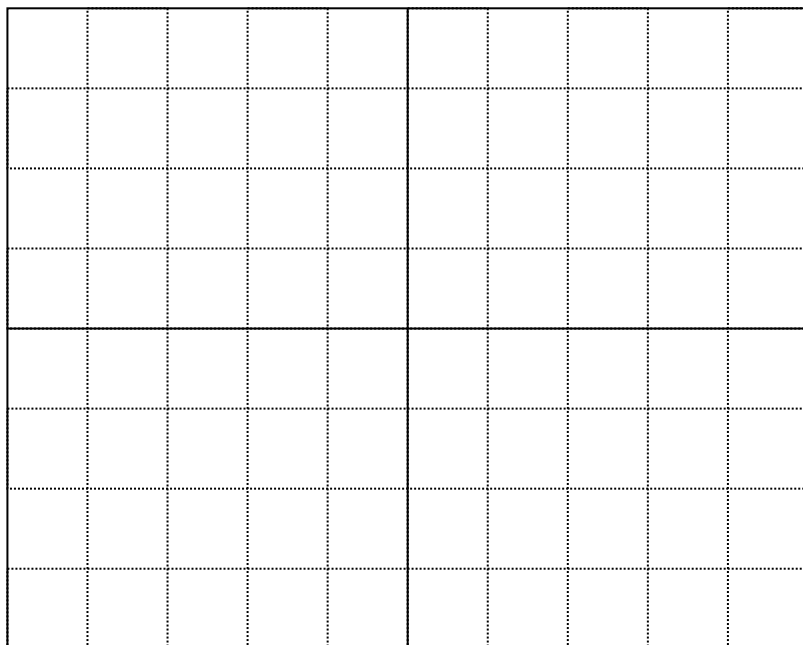


Fig. 2: Sine,  $f = 1 \text{ kHz}$ ,  $U = 1.8 \text{ V}$ 

Channel 1:  $\frac{V}{\text{DIV}} = \$$

Time basis:  $\frac{T}{\text{DIV}} = \$$

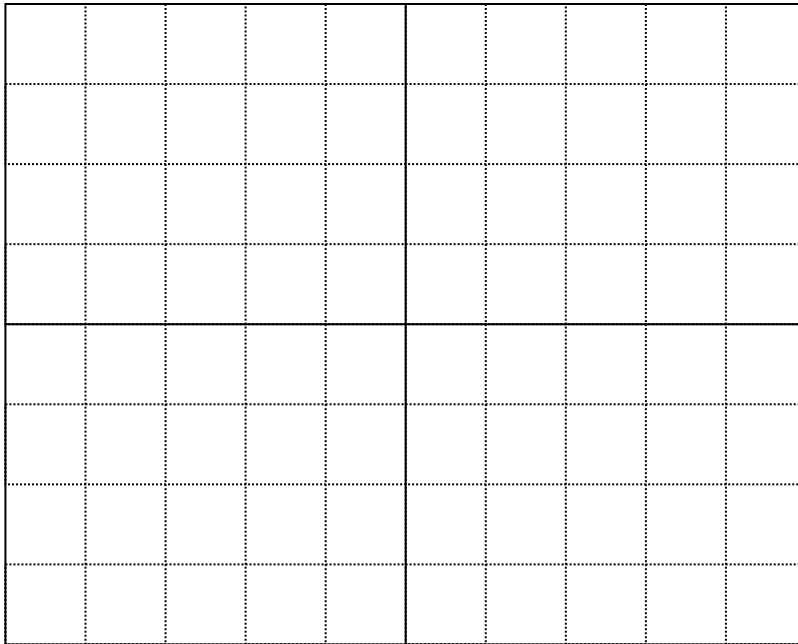
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Fig. 3: Triangle,  $f = 4 \text{ kHz}$ ,  $U = 3 \text{ V}$ 

Channel 1:  $\frac{V}{\text{DIV}} = \$$

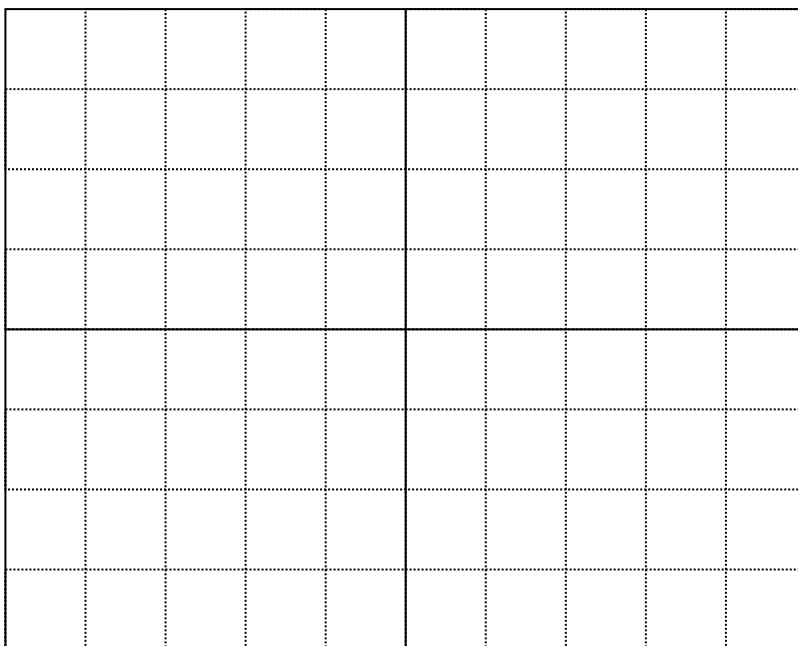
Time basis:  $\frac{T}{\text{DIV}} = \$$

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Fig. 4: Rectangle, unipolar,  $f = 2 \text{ kHz}$ ,  $U$ 

$= 5 \text{ V}$  Channel 1:  $\frac{V}{\text{DIV}} = \$$

Time basis:  $\frac{T}{\text{DIV}} = \$$

Fig. 5: Rectangle, bipolar,  $f = 5 \text{ kHz}$ ,  $U =$ 

$2 \text{ V}$

Channel 1:  $\frac{V}{\text{DIV}} = \$$

Time basis:  $\frac{T}{\text{DIV}} =$

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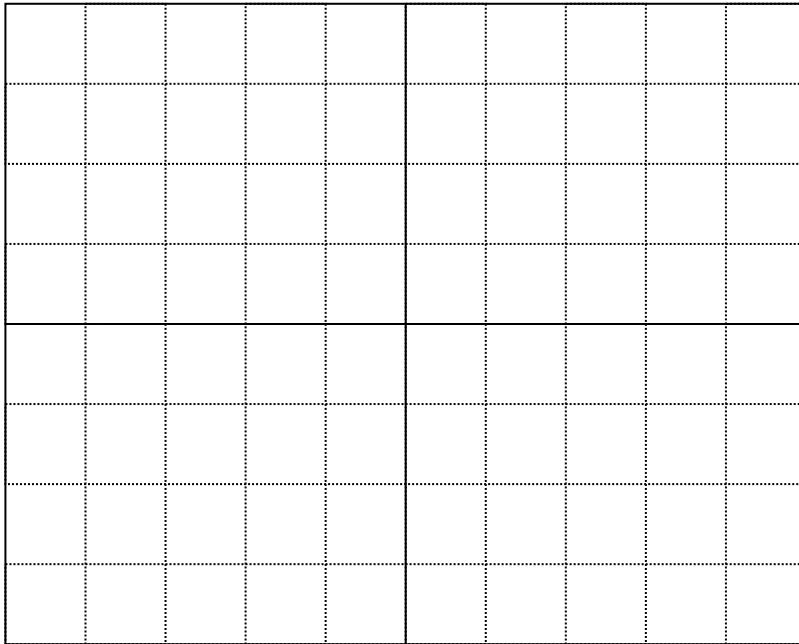


Fig. 6: Sine DC Offset,  $f = 2.5 \text{ kHz}$ ,  $U = 4$

V, UDC = 2 V

Channel 1:  $\frac{V}{\text{DIV}} =$

Time basis:  $\frac{T}{\text{DIV}} =$

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Last update: **2026/03/21 22:47**

