

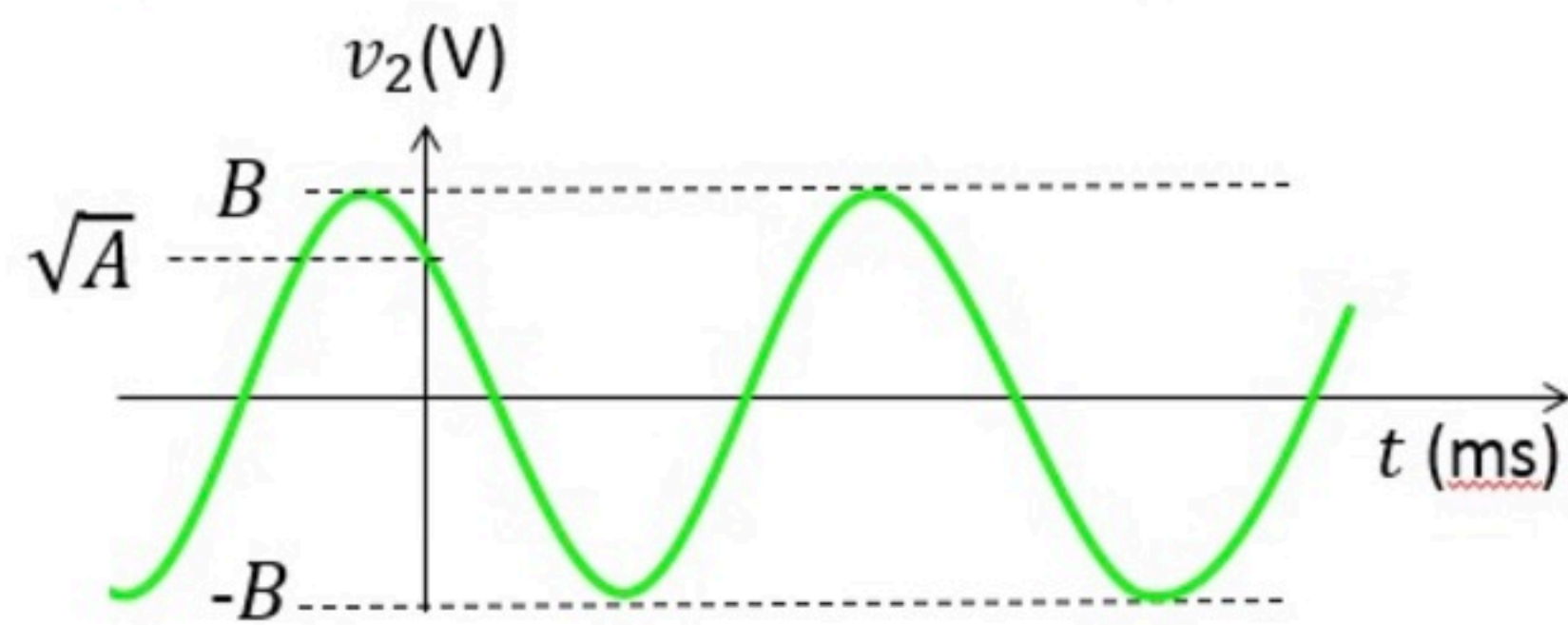
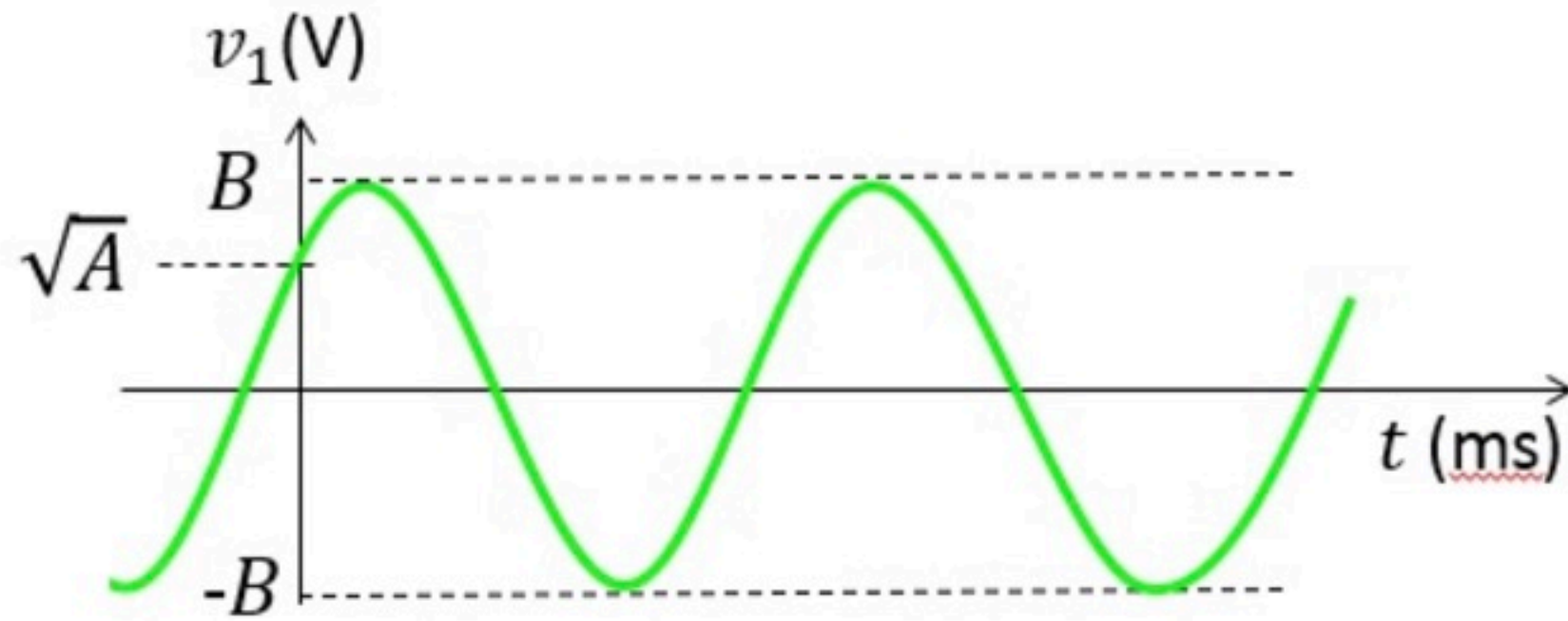
Phasors 001

Problem has been graded.

$$v_1(t) = B \cos(200t + D_1) \quad \text{with } -180^\circ \leq D_1 \leq 180^\circ$$

$$v_2(t) = B \sin(200t + D_2) \quad \text{with } -180^\circ \leq D_2 \leq 180^\circ$$

Find D_1 and D_2 .



Given Variables:

A : 9 V²

B : 6 V

Calculate the following:

D1 (degrees) :

-60



D2 (degrees) :

150



Hint: Look on the graph to disambiguate.