

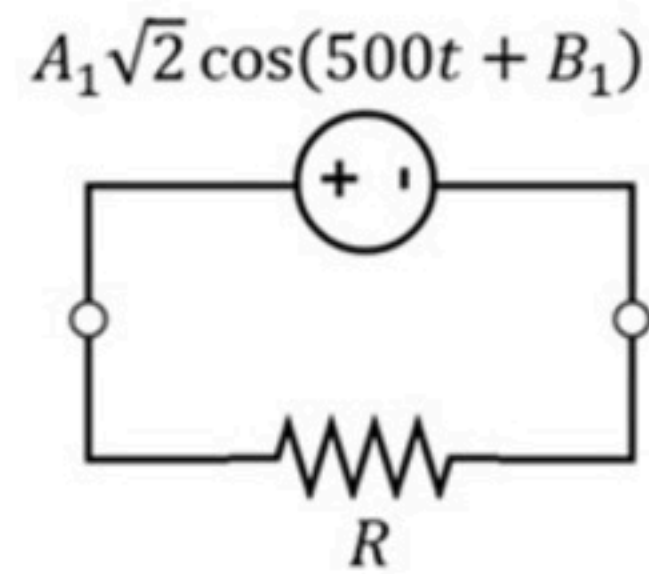
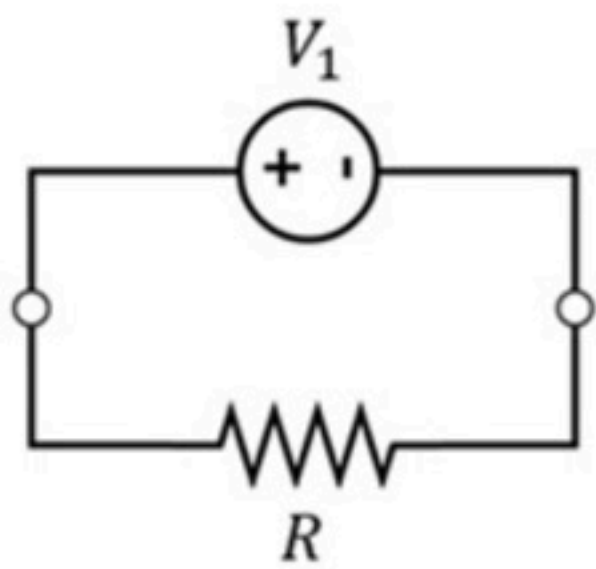
AC power 004

Problem has been graded.

You are told that the sources in the two circuits below supply the same average power.

(a) Find the average power P supplied.

(b) Find A_1 .



Given Variables:

$V_1 : 10 \text{ V}$

$R : 5 \text{ ohm}$

$B_1 : 135 \text{ degrees}$

Calculate the following:

$P \text{ (W)} :$

20



$A_1 \text{ (V)} :$

10



Hint: What is the definition of V_{rms} ?