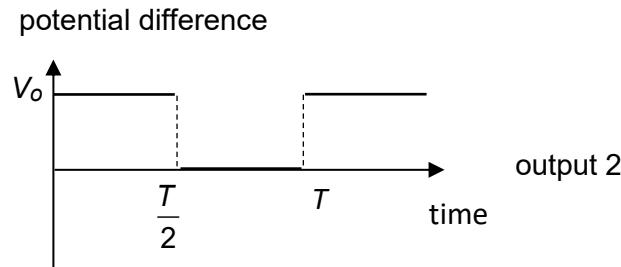
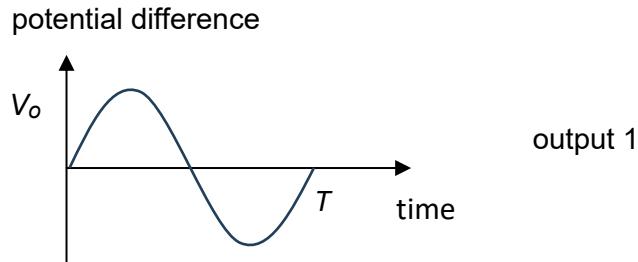


28 The outputs from the two sources are shown in the graphs below.



What is the ratio of $\frac{\text{root mean squared voltage from output 1}}{\text{root mean squared voltage from output 2}}$?

A 0.50

B 0.71

C 1

D 2

29 Which of the following explains why there are no X-ray frequencies in the line spectrum of