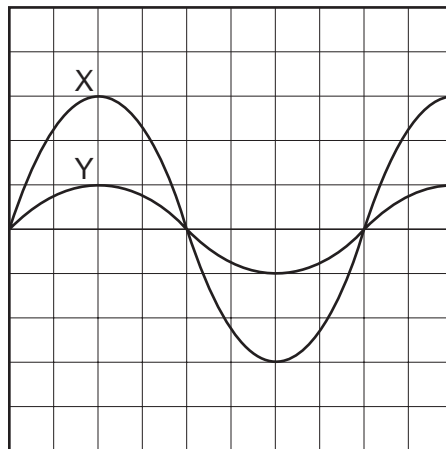


- 4 The diagram shows an oscilloscope screen displaying two signals.



Signal X has a frequency of 50 Hz and peak voltage of 12 V.

What is the period and peak voltage of signal Y?

	period / ms	peak voltage / V
<b>A</b>	20	4
<b>B</b>	20	12
<b>C</b>	50	4
<b>D</b>	50	12

- 5 On a particular railway, a train driver applies the brake of the train at a yellow signal, a distance of