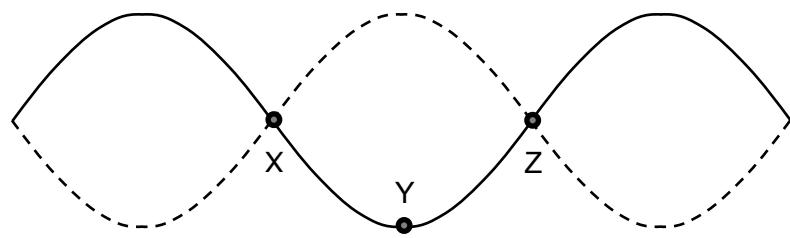


- 17 The stationary wave shown below is the result of the superposition of two identical waves travelling in opposite directions.



Which of the following best states the phase difference between the two waves at points X, Y and Z?

	X	Y	Z
A	$-\pi$	0	$\pi$
B	$-\pi/2$	0	$\pi/2$
C	$\pi/2$	$\pi$	$3\pi/2$
D	0	$\pi$	$2\pi$