

PHYSLETS ANSWER SHEET

WS3A4

Waves / Set 3 / Animation 4

Name	Class
<show all="" calculations.="" explanations="" include="" on="" proper="" r<="" td="" units.="" work=""><td>require complete sentences.></td></show>	require complete sentences.>
The movie clip shows the Tacoma Narrows Bridge just before its collapse.	
1) What is the phenomenon responsible for its destruc	etion?
2) View the bridge from the side. How many wavelen	igths are present between the two supports?
3) How many nodes are present and what two parts of	f the bridge are serving as nodes?