



PHYSLETS ANSWER SHEET

WS1A1

Waves / Set 1 / Animation 1

Name _____ Class _____

<Show all work on calculations. Include proper units. Explanations require complete sentences.>

1) Measure the amplitude of the first pulse

_____ m

2) Measure the amplitude of the second pulse

_____ m

3) At what time does maximum interference occur?

_____ s

4) What is the amplitude of the combined waves at maximum interference?

_____ m

5) What type of interference occurs in this animation?

6) Explain two different methods that may be used to determine the amplitude of the two superposed waves.