PHYSLETS ANSWER SHEET **WS2A3**

Waves / Set 2 / Animation 3

Name _____ Class _____

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

1) Which wave has the greater speed?

2) Which wave has the greater wavelength?

3) Which wave has the greater frequency?

4) The amplitude of the superposed wave never reaches zero. Describe a change that could be made to either wave one or two so that the wave amplitude would go to zero.