



PHYSLETS ANSWER SHEET

WS2A4

Waves / Set 2 / Animation 4

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) Which wave has the greater amplitude?
- 5) In the last animation (ws2a3) the superposed wave increased and decreased in amplitude. Explain why this is not occurring for this superposed wave and explain how it might be changed to create this result.