PHYSLETS ANSWER SHEET **KS1A4**

Kinematics / Set 1 / Animation 4

Name _____ Class _____

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

1) What is the direction of the velocity for the first 2.64 s ?

2) What is the direction of the acceleration during the first 2.64s ?

3) What is the direction of the velocity after the first 2.64 s ?

4) In what direction would the wind need to blow after the first 2.64 s to slow the boat ?

5) Referring to #4, what would be the direction of the acceleration as the boat slowed ?