



PHYSLETS ANSWER SHEET

KS1A2

Kinematics / Set 1 / Animation 2

Name _____ Class _____

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

- 1) Calculate the average speed of each ball.

- 2) Which ball(s) have a positive velocity ?

- 3) Which ball(s) have a negative velocity ?

- 4) Which ball(s) has the greatest speed ?

- 5) Which ball(s) has the greatest velocity ?

- 6) In which direction must the green ball accelerate to increase its speed ?

- 7) In which direction must the blue ball accelerate to increase its speed ?

- 8) In which direction must the red ball accelerate to decrease its speed ?