



PHYSLETS ANSWER SHEET

KS3A6

Kinematics / Set 3 / Animation 6

Name _____ Class _____

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

1) What is the acceleration of the green car ?

2) What is the constant speed of the orange car ?

3) At approximately what time do the cars have the same speed ?

4) Where is the green car in relation to the orange car when they have the same speed ?

5) At what position along the x-axis does the green car catch the orange car ?