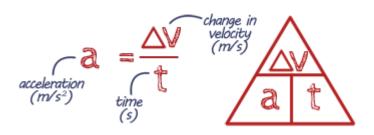
## **GCSE** Revision Buddy

## **Acceleration Worksheet**



1. A car accelerates from rest to 20 m/s in 12 seconds. Calculate the acceleration of the car.

2. A rocket has an acceleration of 5.25 m/s<sup>2</sup> at take off. Assuming a constant rate of acceleration, calculate the speed of the rocket 3 seconds after takeoff.

3. A lorry has a velocity of 15 m/s. The lorry accelerates with an acceleration 1.4 m/s2 until it reaches a velocity of 18 m/s. Calculate how long the lorry was accelerating for.