Road Safety 2
(Acceleration)
and Be a Crash
Test Investigator
S3 PHYSICS


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## Slowing down is accelerating

If we look at the formula
acceleration $=\frac{\text { change in velocity }}{\text { time for the change }} \quad \begin{aligned} & a=\frac{\Delta v}{t}\end{aligned} \frac{a=\frac{v-v}{t}}{t}$
If you are slowing down your velocity is changing
So you are accelerating.
We will find out that you will have a negative acceleration if you are slowing down which is also called a deceleration

