

Pre-test (at the beginning of the lesson)

assessing prior knowledge (5 min):

1. What does it mean for a body to "fall freely"?
2. Does a heavier body fall faster than a lighter one? Justify your answer.
3. What is gravitational acceleration and what symbol do we use to denote this physical quantity?
4. Write a formula describing the distance travelled in uniformly accelerated motion without initial velocity.
5. List the factors that can cause a body not to fall "perfectly freely".

