

1) A rock is dropped. It lands 8 s later. How far did it fall?
2) A Crayola ${ }^{\circ}$ crayon is dropped. It lands 4 s later. How far did it fall?
3) A ball is dropped from a height of 35 m . How long did it take to land?
4) A stapler is dropped from a height of 2900 cm . How long did it take to land?
5) Mr. Kelly is fired into the air at a speed of $300 \mathrm{~m} / \mathrm{s}$. How long does it take for him to reach his high point?
6) How high did the person in problem 5 go?
7) An object is fired into the air at a speed of $50 \mathrm{~m} / \mathrm{s}$. How long does it take to reach its high point?
8) How high did the object go?
9) An object is fired straight into the air at $400 \mathrm{~m} / \mathrm{s}$. How high does it go?
10) An object was thrown straight down from a platform at an initial speed of $15 \mathrm{~m} / \mathrm{s}$. It hit the ground 2.4 s later. How high is the platform?
