

You May Be Quick... But Machines Are Quicker!

Machine and Reaction Time Activity

- 1) My reaction time was _____ seconds.

My height is _____.
- 2) For each of the following identify what would have happened to you in that amount of time:
 - a) In that amount of time, how much 'length' would have been entangled in a 6" auger at 400 rpm _____
 - b) In that amount of time, how much 'length' would have been pulled into a belt and pulley traveling at 66 feet per second? _____
 - c) In that amount of time, how much 'length' would have been pulled into a power take-off shaft rotating at 1000 rpm? _____
 - d) In that amount of time, how much 'length' would have been pulled into a PTO traveling at the slower speed of 540 rpm? _____
 - e) I would have been cut _____ times by the rotary lawn mower.
- 3) One thing that I routinely do by taking a short cut is:

This shortcut save me an estimated _____ seconds each time I do this task. Each time I do this I am putting myself (and others) at risk for _____.

100 repetitions of this task would save a total of _____ minutes. Is the risk taken worth the _____ minutes saved?

NEVER FORGET

Machines have no brain, memory or conscience and *they don't care who you are or what they cut!*



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