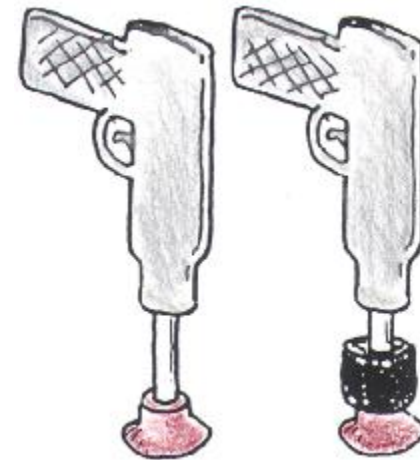


NEXT-TIME QUESTION

Two identical spring-loaded dart guns are simultaneously fired straight downward. One fires a regular dart; the other a weighted dart.

Which dart hits the ground first?

- a) The regular dart
- b) The weighted dart
- c) It's a tie.

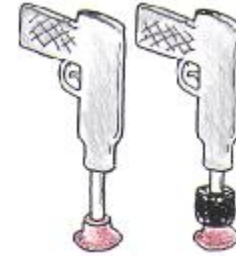


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Answer: a

The springs in both guns apply the same amount of force to the darts, but the regular dart has less inertia and therefore has greater acceleration in the gun. So it emerges with a greater speed and wins the race!

Fire the darts horizontally and you'll easily see the lighter one goes farther and faster!



Hewitt
Drew it!

