

Prof Briggs likes to exercise his dog, Daffy (yes that's his name, I'm not making it up), on a 30 minute walk each day by throwing a stick which Daffy chases and retrieves, bringing it back to him each time. Dr. Briggs walks in a straight line at one mile per hour. With Daffy at his side the professor throws the stick a distance of 90 feet. To make Daffy, who sprints at an average speed of 10 miles per hour, run for the longest distance between throws Prof Briggs throws the stick always in a certain direction. (The Professor is smart but a bit lazy.) In which direction does he throw?

- A) In front of him
- B) In back of him
- C) Sideways

What distance does Daffy cover in one fetch?

- D) 160 ft
- E) 180 ft
- F) 200 ft

How many times does Prof Briggs throw the stick?

- G) 132
- H) 154
- I) 176

Student Name (Print) _____ Indicate which course you are in.

PHYS203 Sec _____ PHYS 221 Sec _____ Physics Major 1st ___ 2nd ___ 3rd ___ 4th ___

Letter of Selected Answers 1 _____ 2 _____ 3 _____ **1 pt for each correct answer**

Explanation Supporting Answers 0-3 pts for verbal / mathematical reasoning

Submit your answer to Mrs. Sliwa or place in the Puzzler Box in room 202 Grimsley.