

Physics
UNIT: 4PH1
Science (Double Award) 4SD0
PAPER: 1P

Diagram Booklet

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

INSTRUCTIONS

There may be spare copies of some diagrams in case you need them.

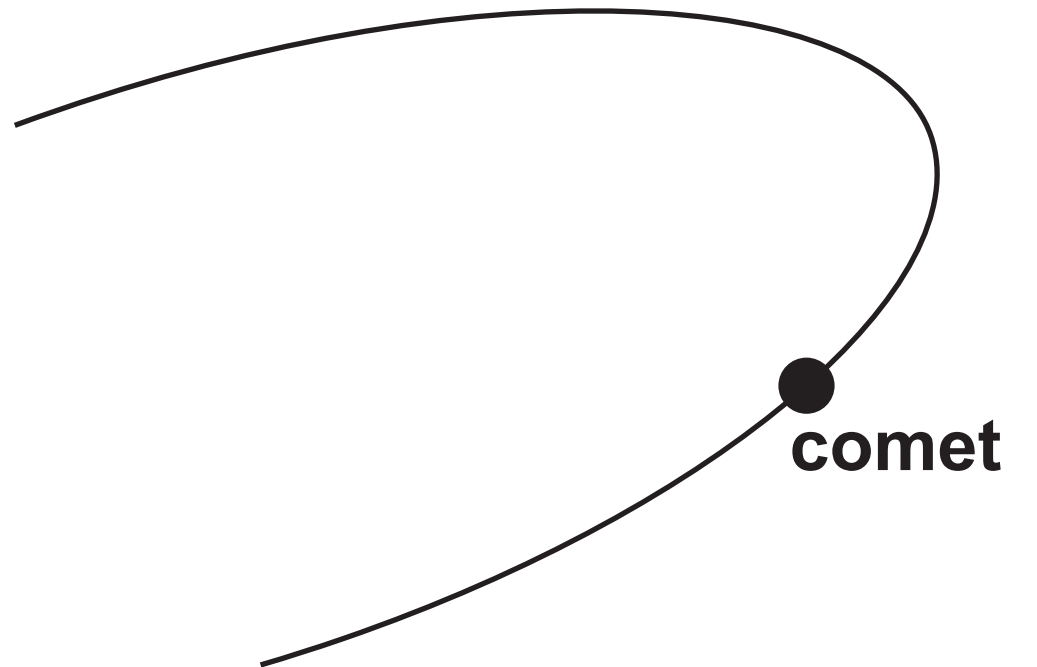
THIS DIAGRAM BOOKLET MUST BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.

Contents

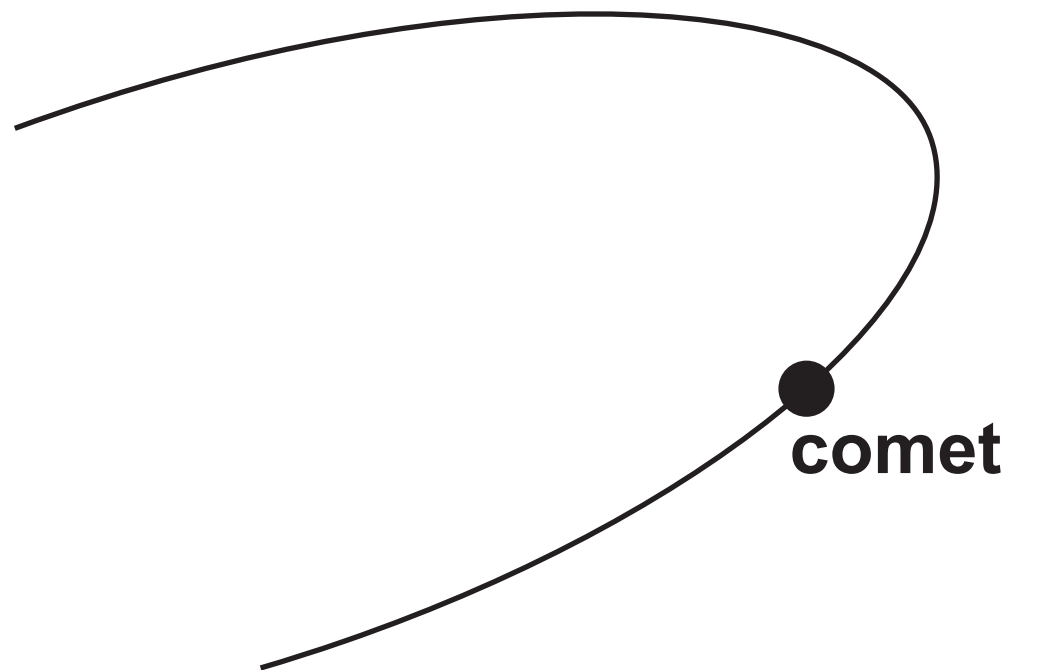
Page

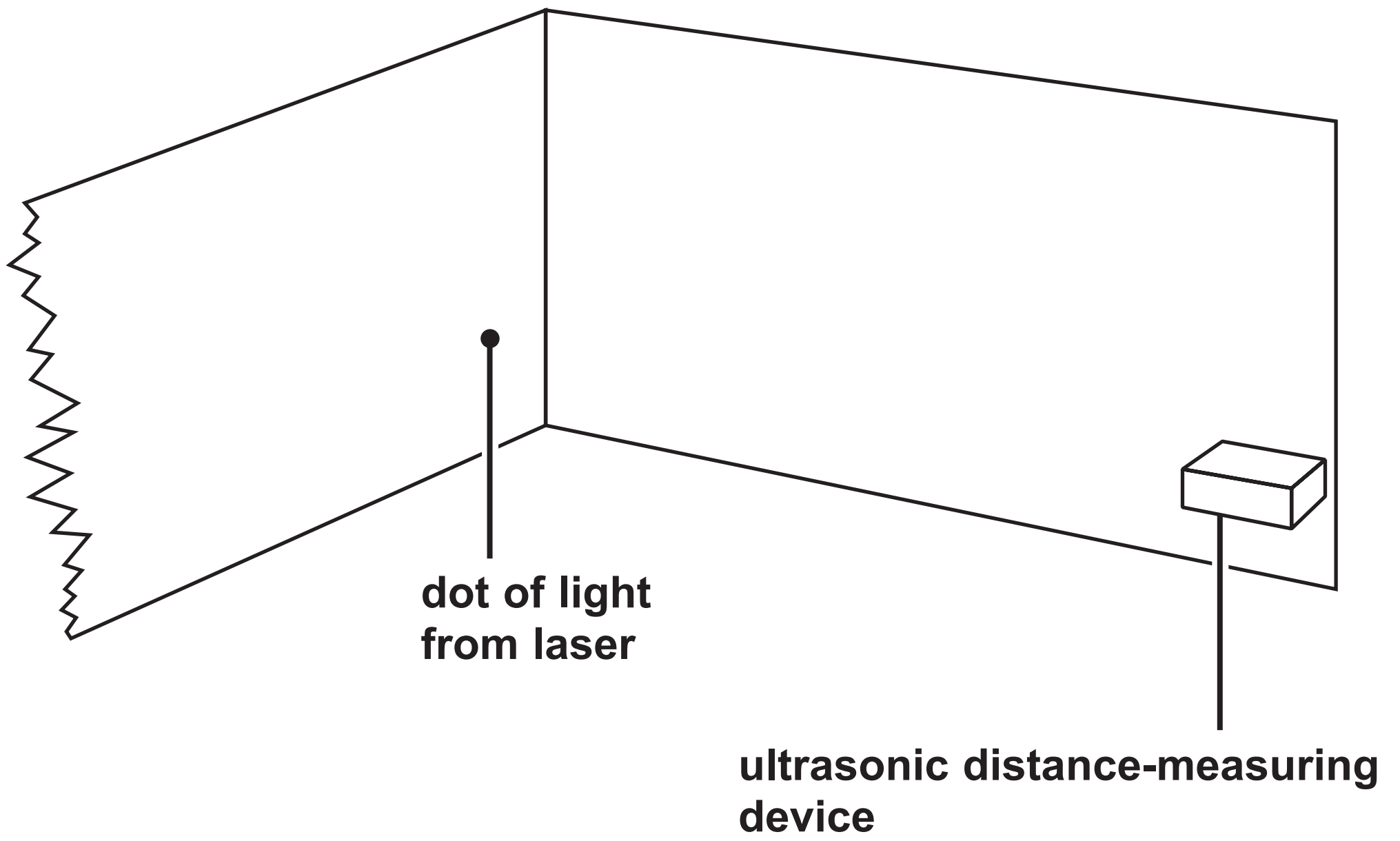
4	Question 1
5	Question 1 (Spare copy)
6	Question 3
7	Question 4(a)
8	Question 4(a) (Spare copy)
9	Question 6
10	Question 6 (Spare copy)
11	Question 7(b)
12	Question 7(b) (Spare copy)
13	Question 7(c)
14	Question 9(a)
15	Question 9(b)
16	Question 9(b) (Spare copy)
17	Question 10
18	Question 11
19	Question 11(b)
20	Question 11(b) (Spare copy)
21	Question 12(a)
22	Question 12(a)
23	Question 12(c)
24	Question 12(d)

Question 1



Question 1



Question 3

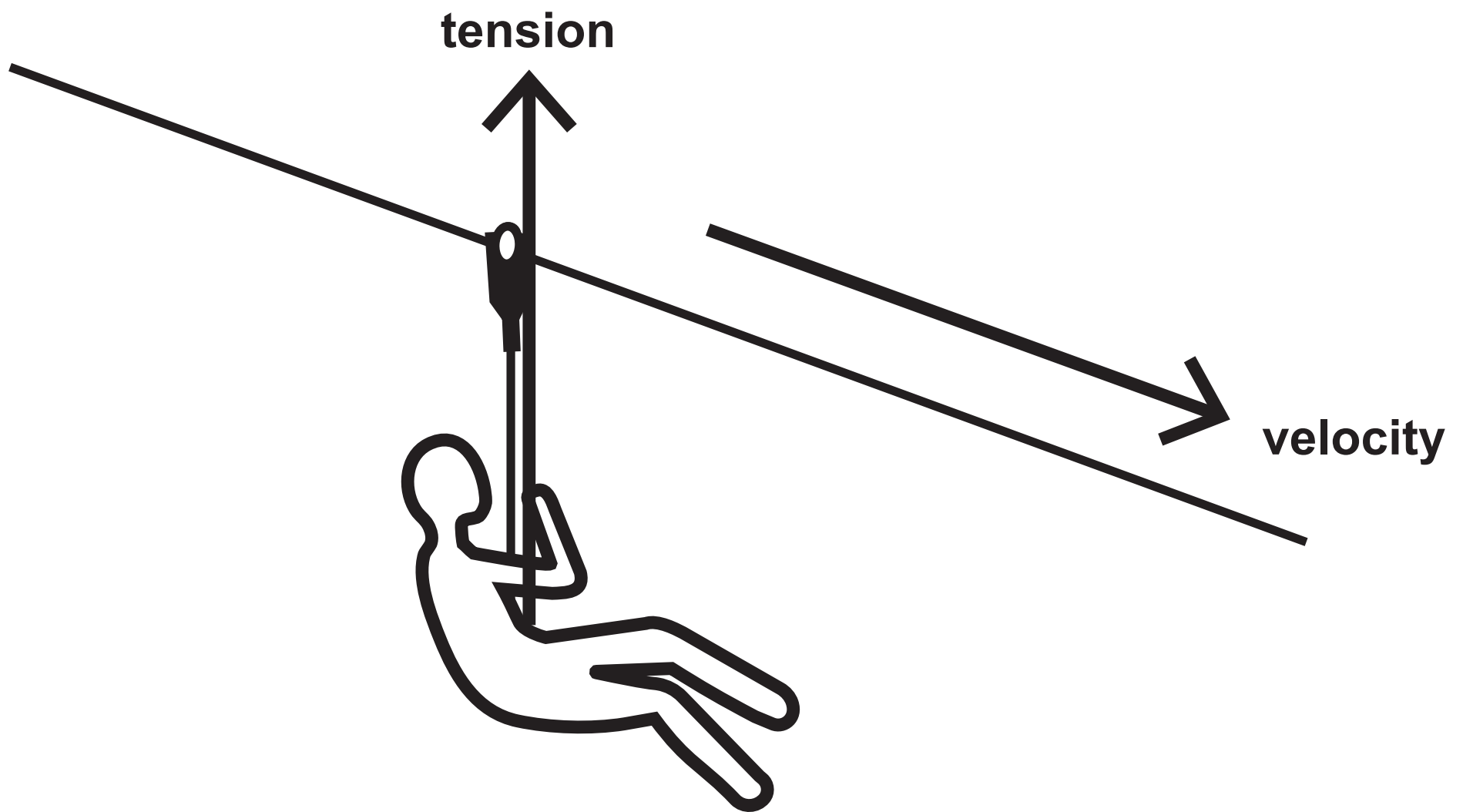
Question 4(a)

[illegible]

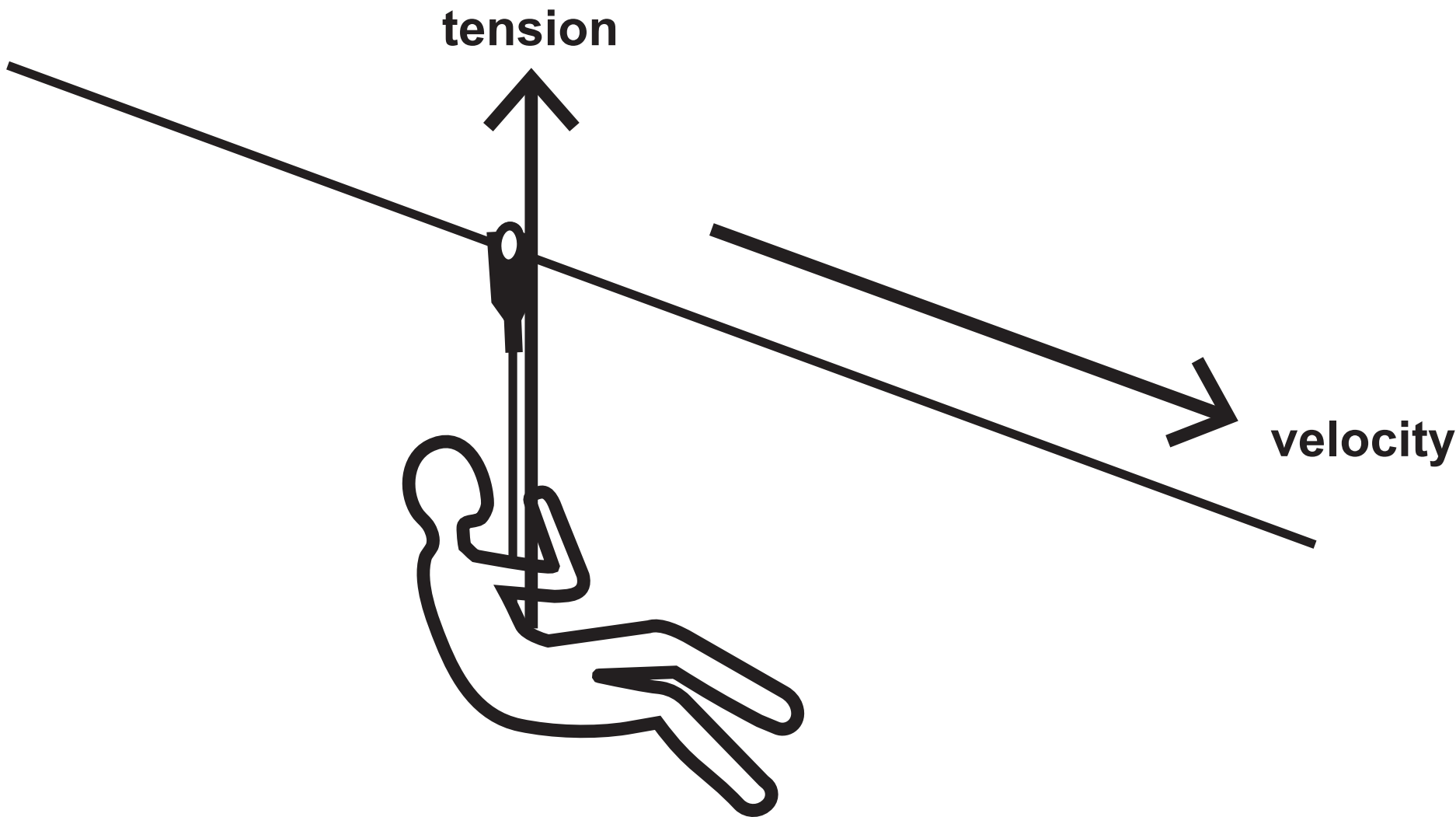
Question 4(a)

[illegible]

Question 6

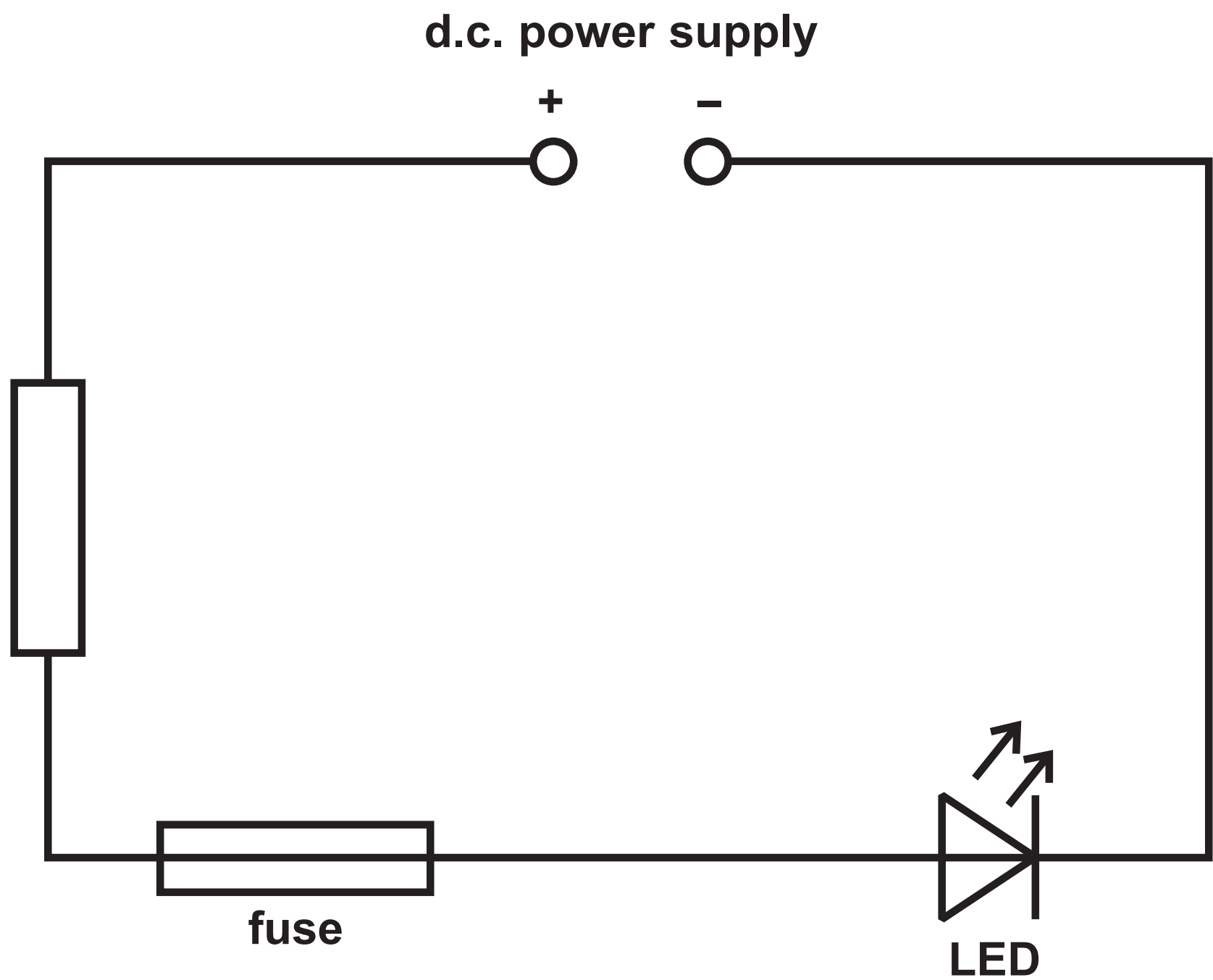


Question 6



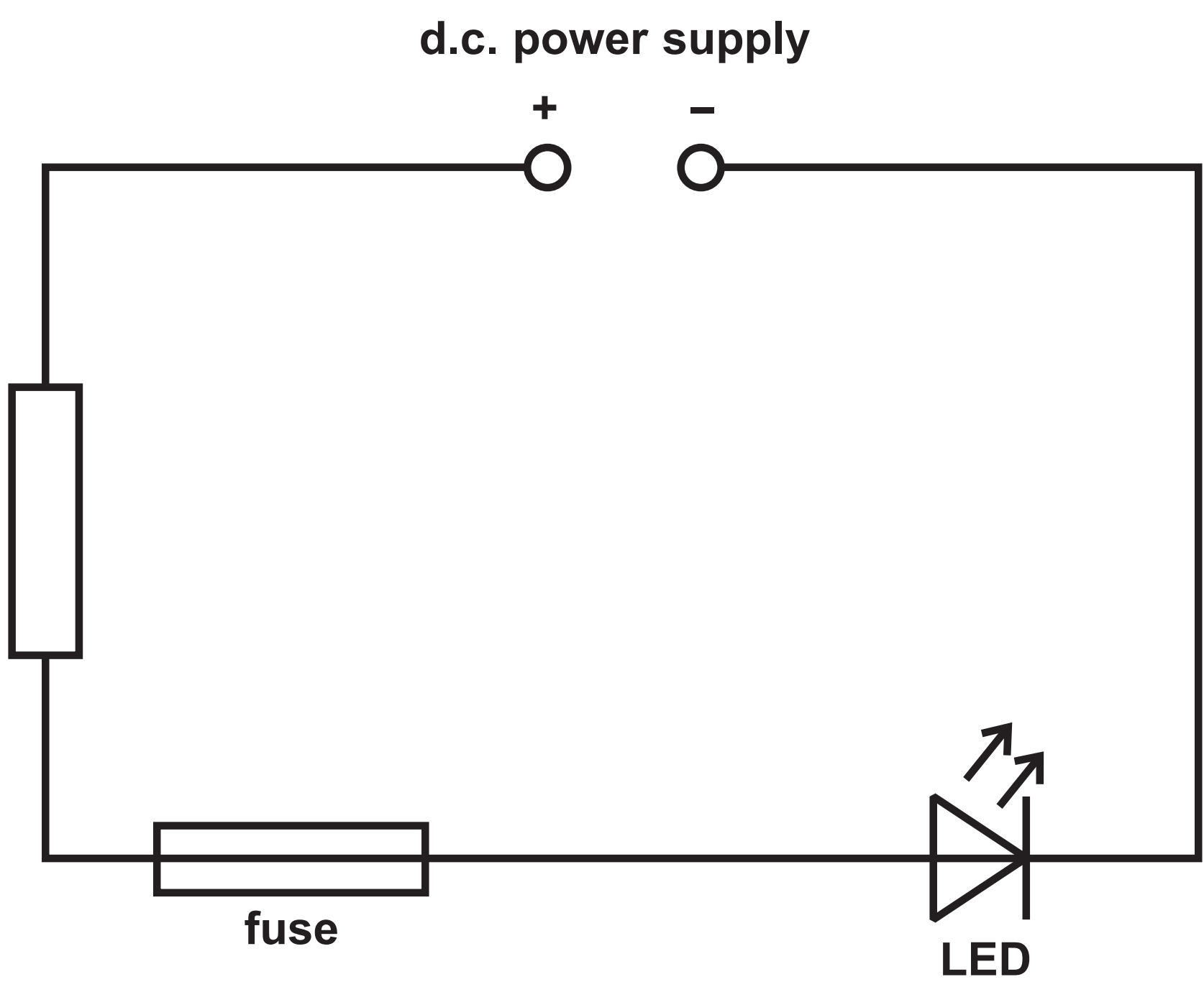
Question 7(b)

DIAGRAM 1



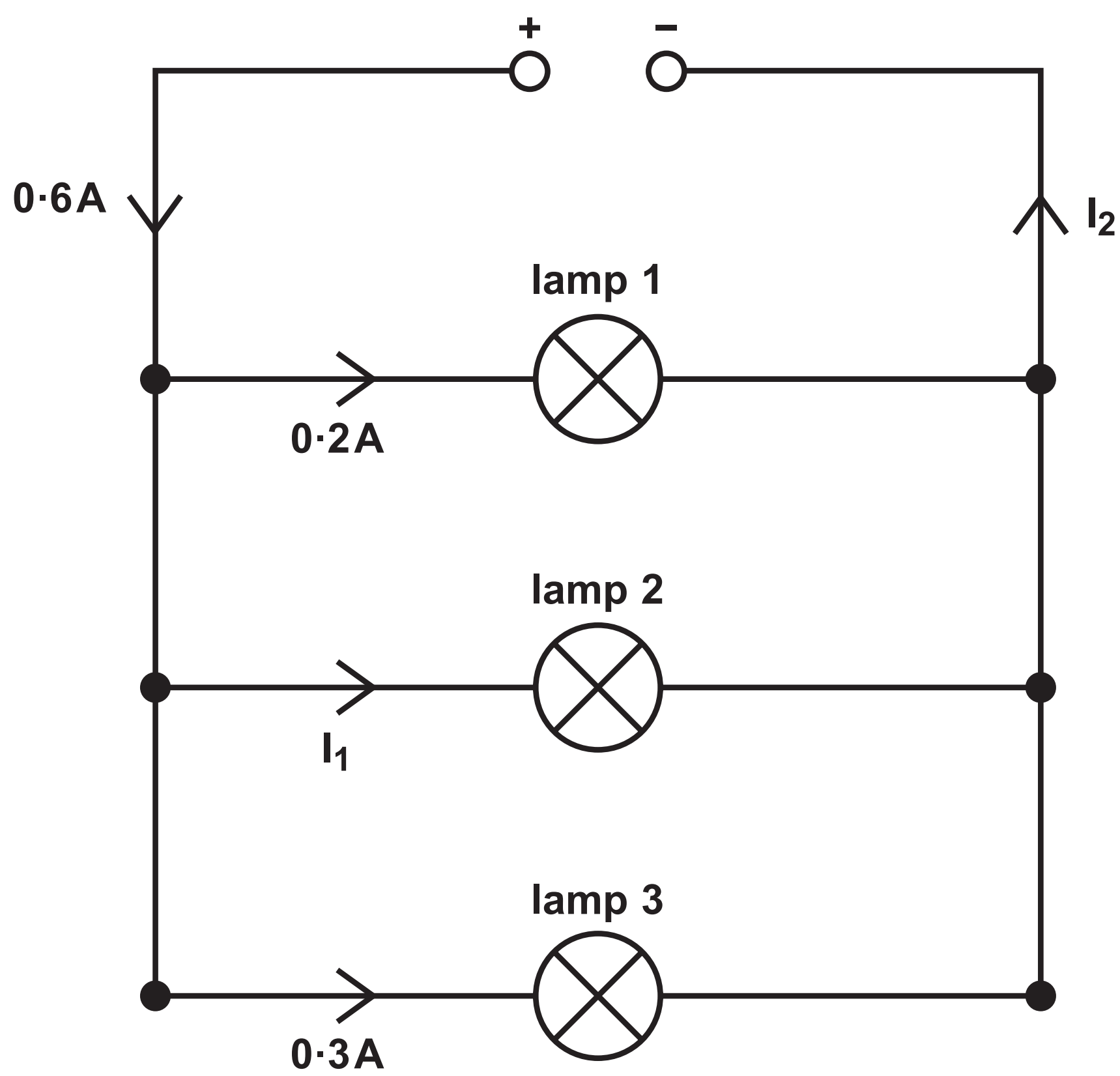
Question 7(b)

DIAGRAM 1



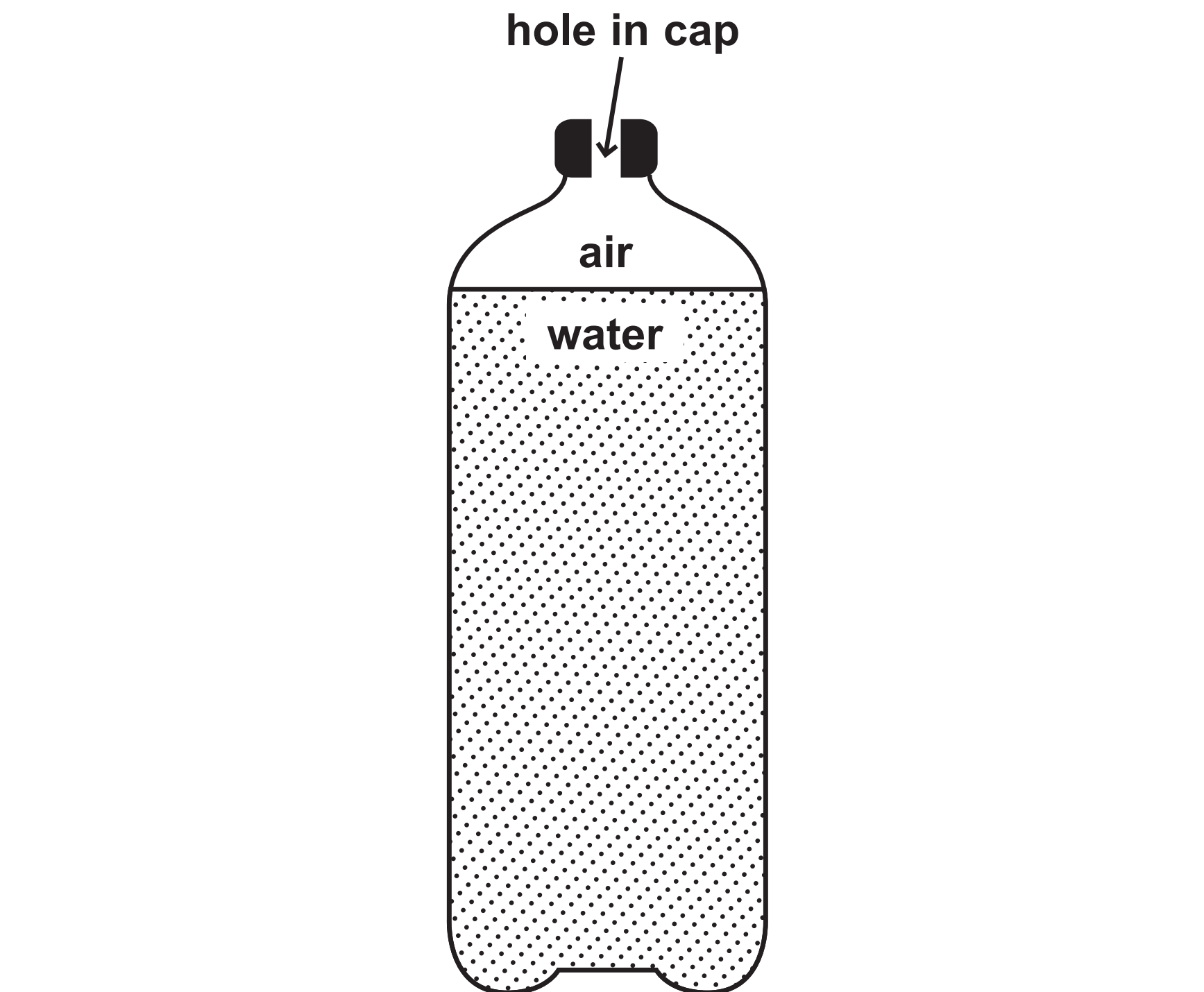
Question 7(c)

DIAGRAM 2



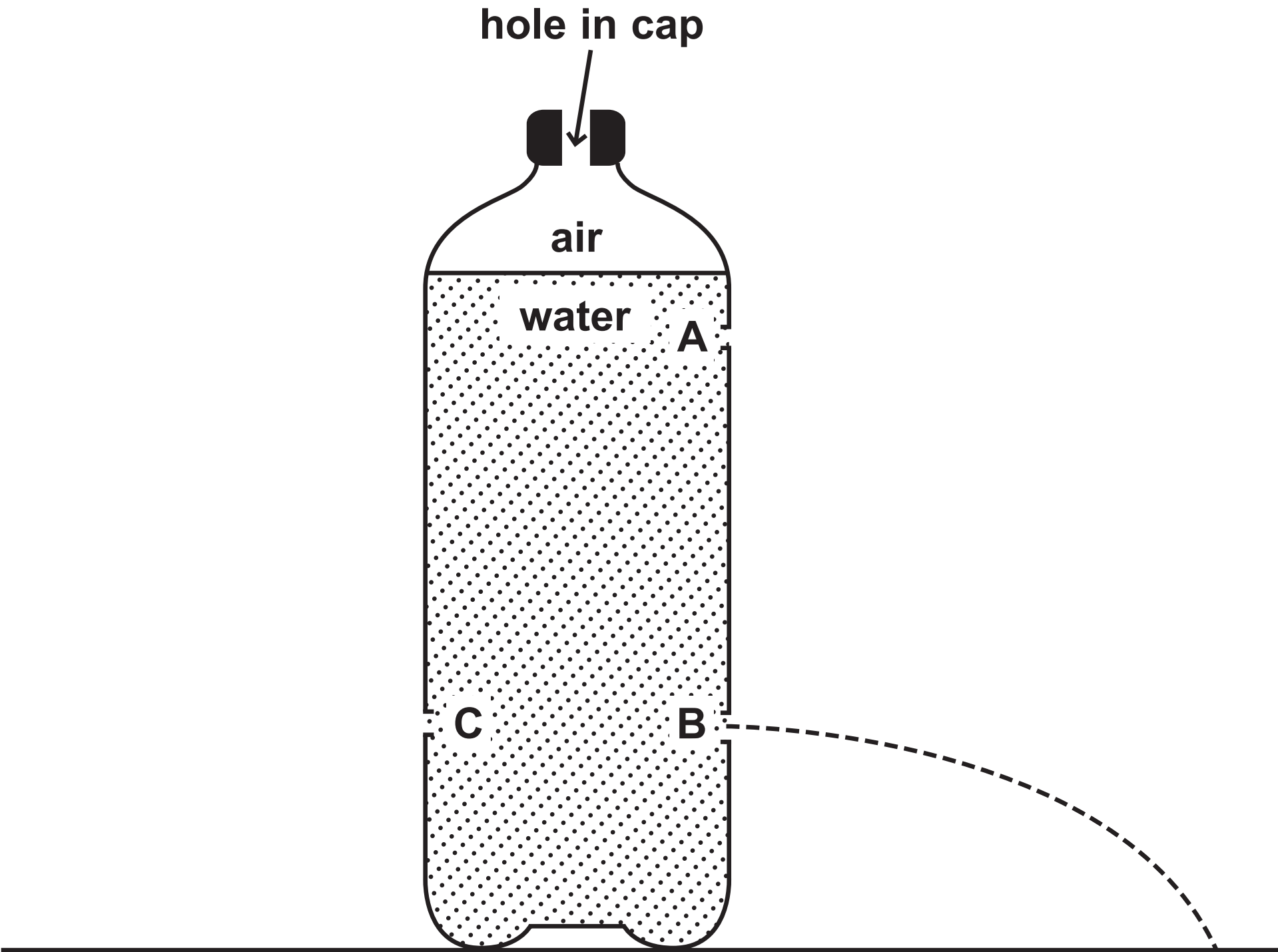
Question 9(a)

DIAGRAM 1



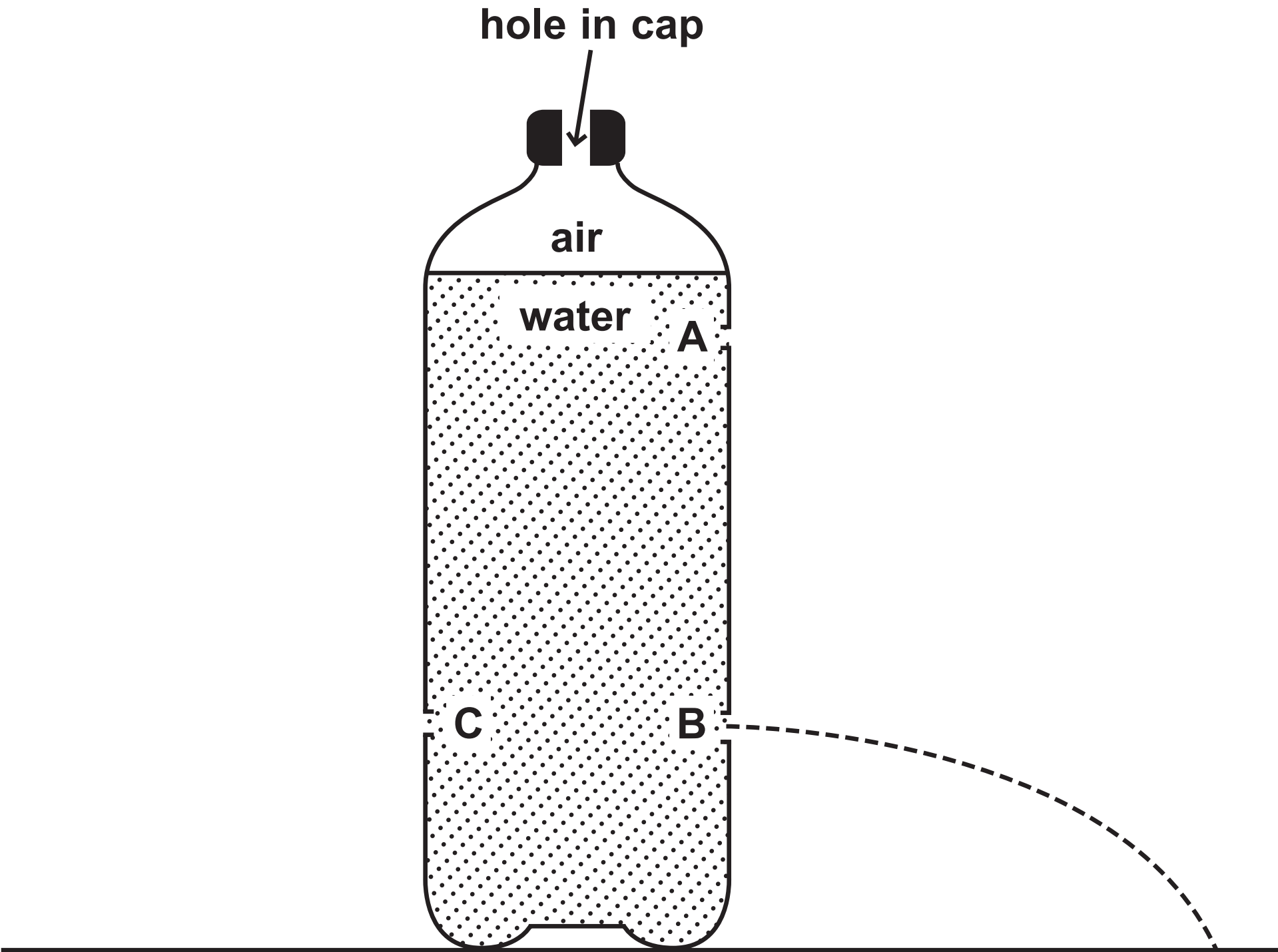
Question 9(b)

DIAGRAM 2

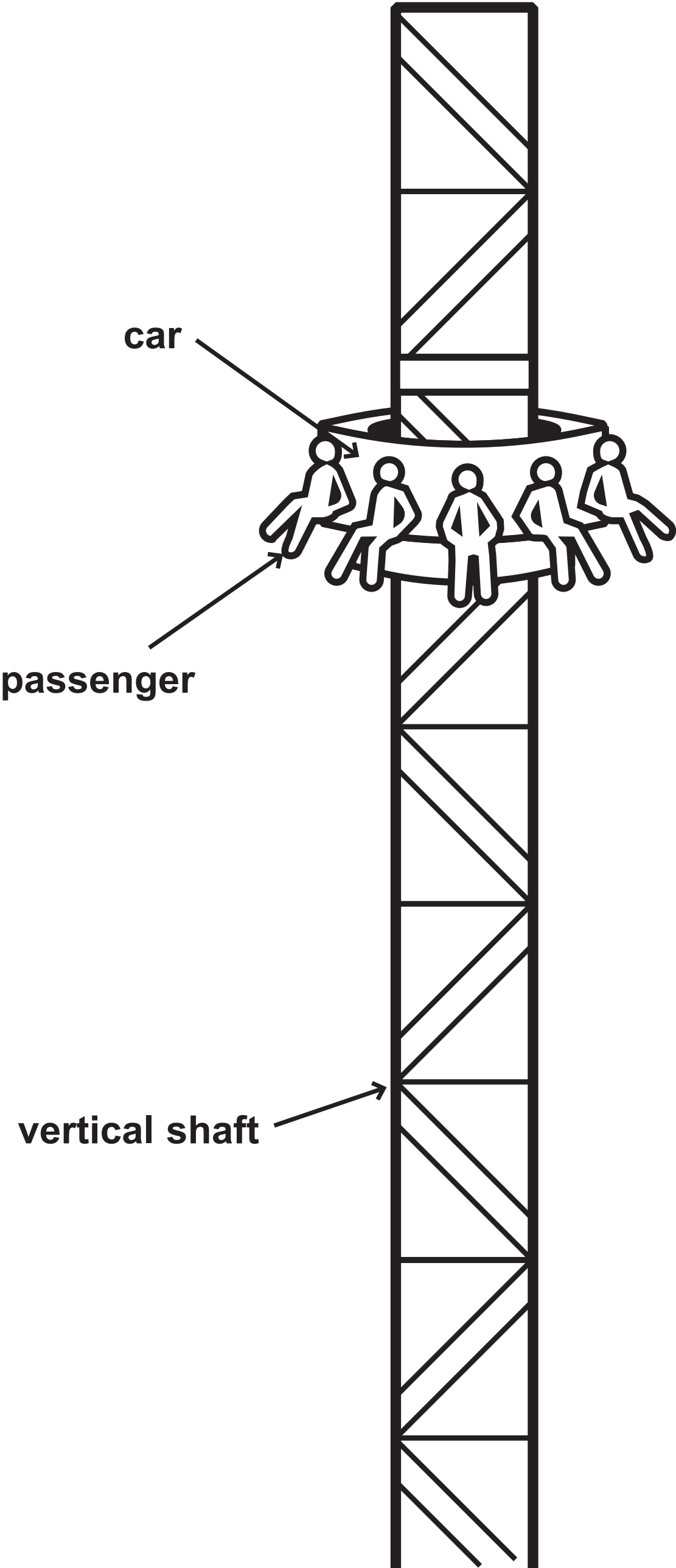


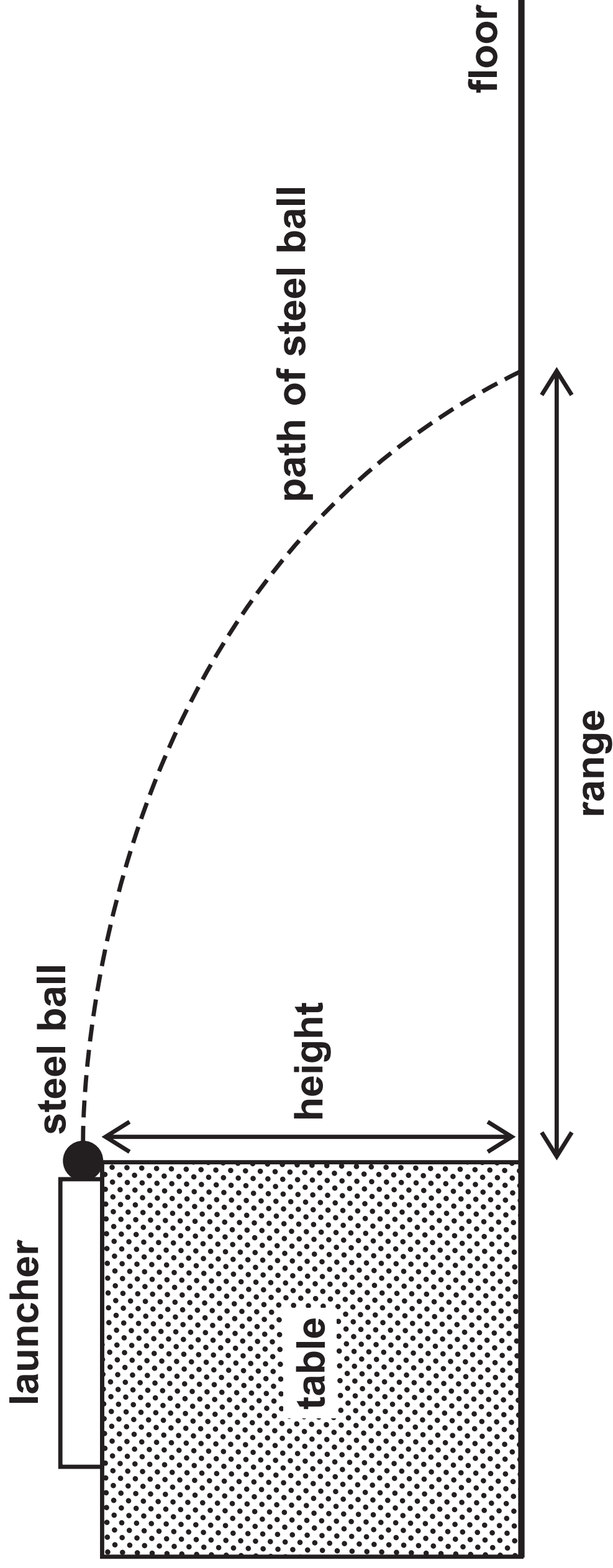
Question 9(b)

DIAGRAM 2

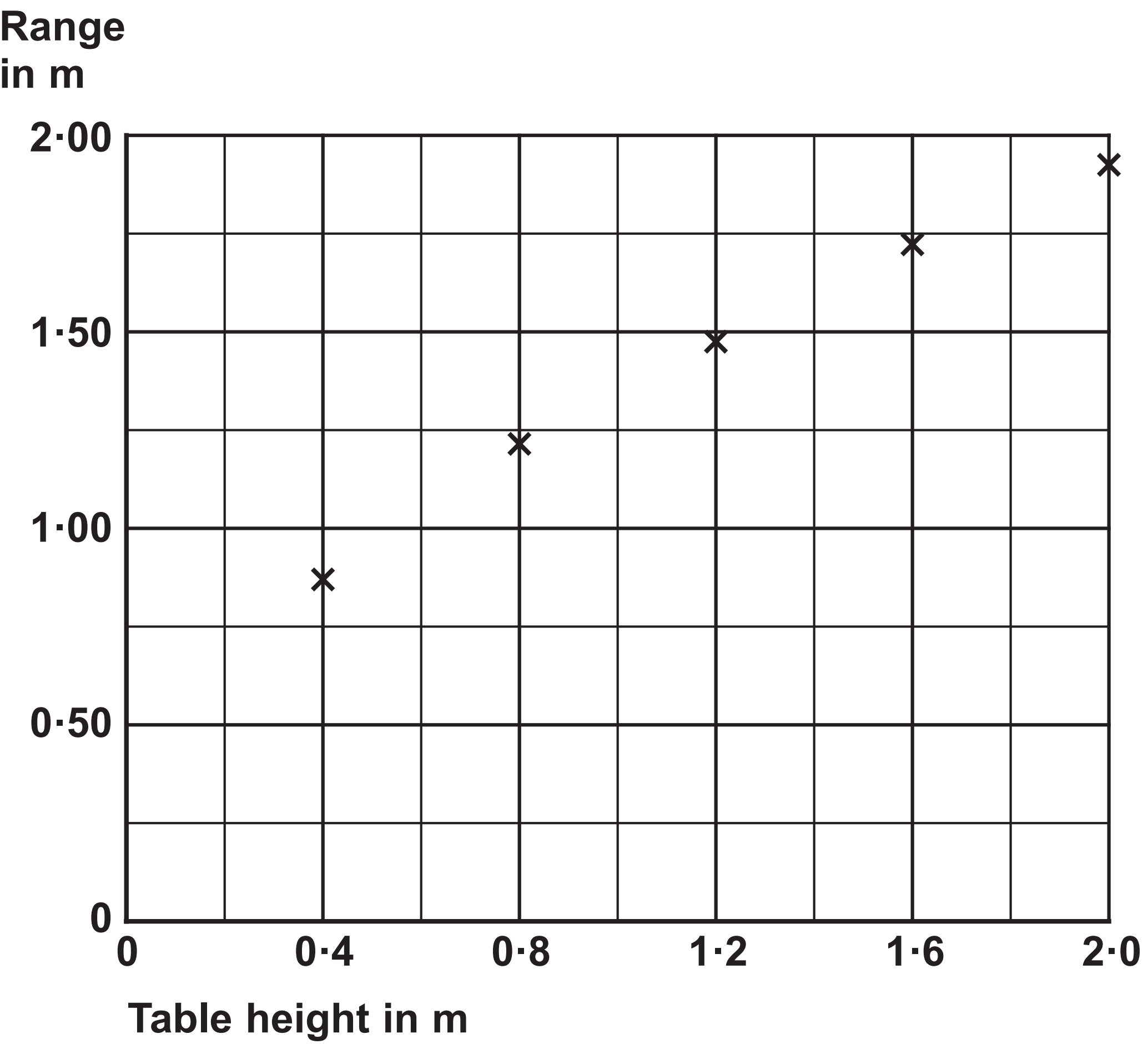


Question 10



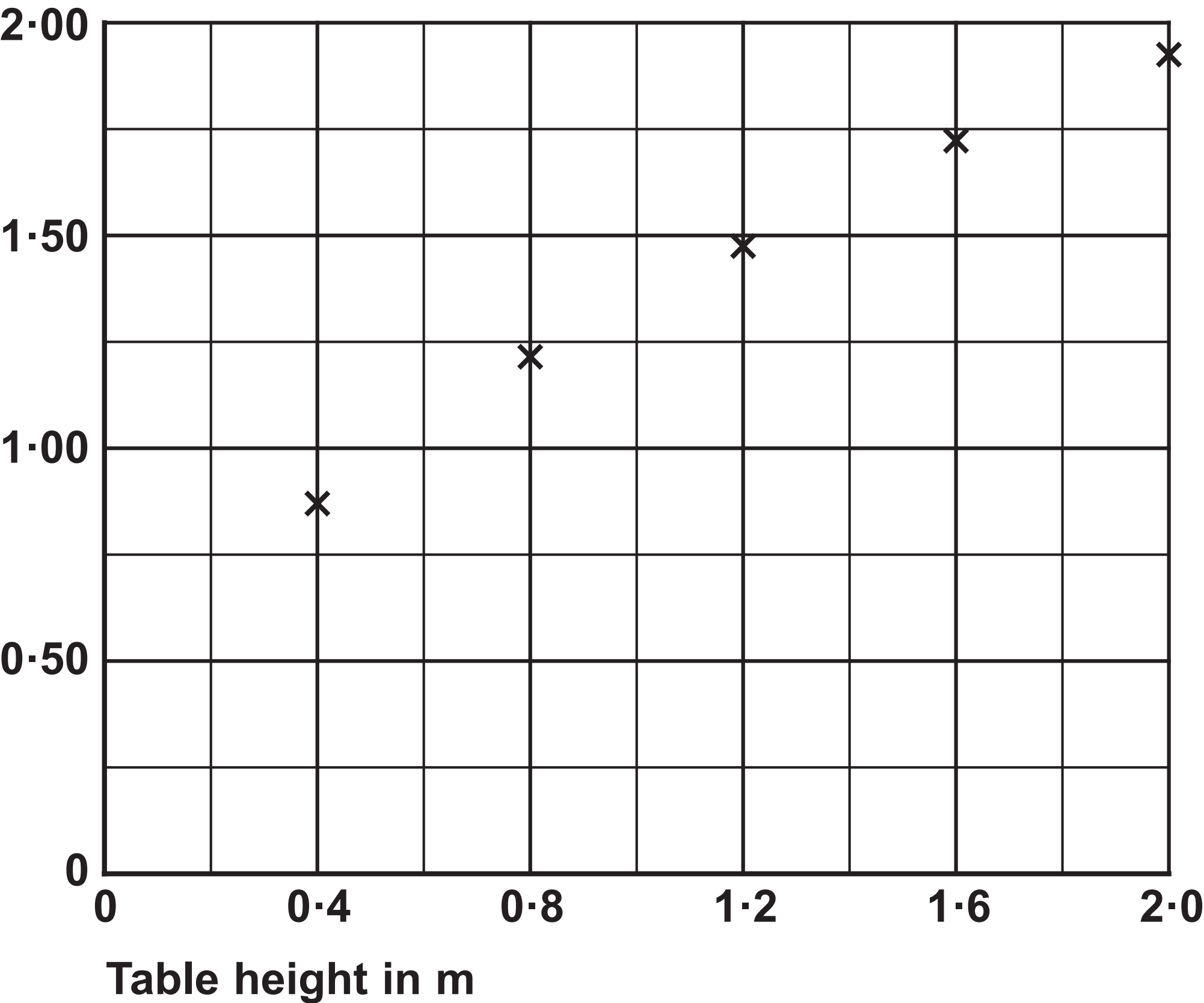


Question 11(b)



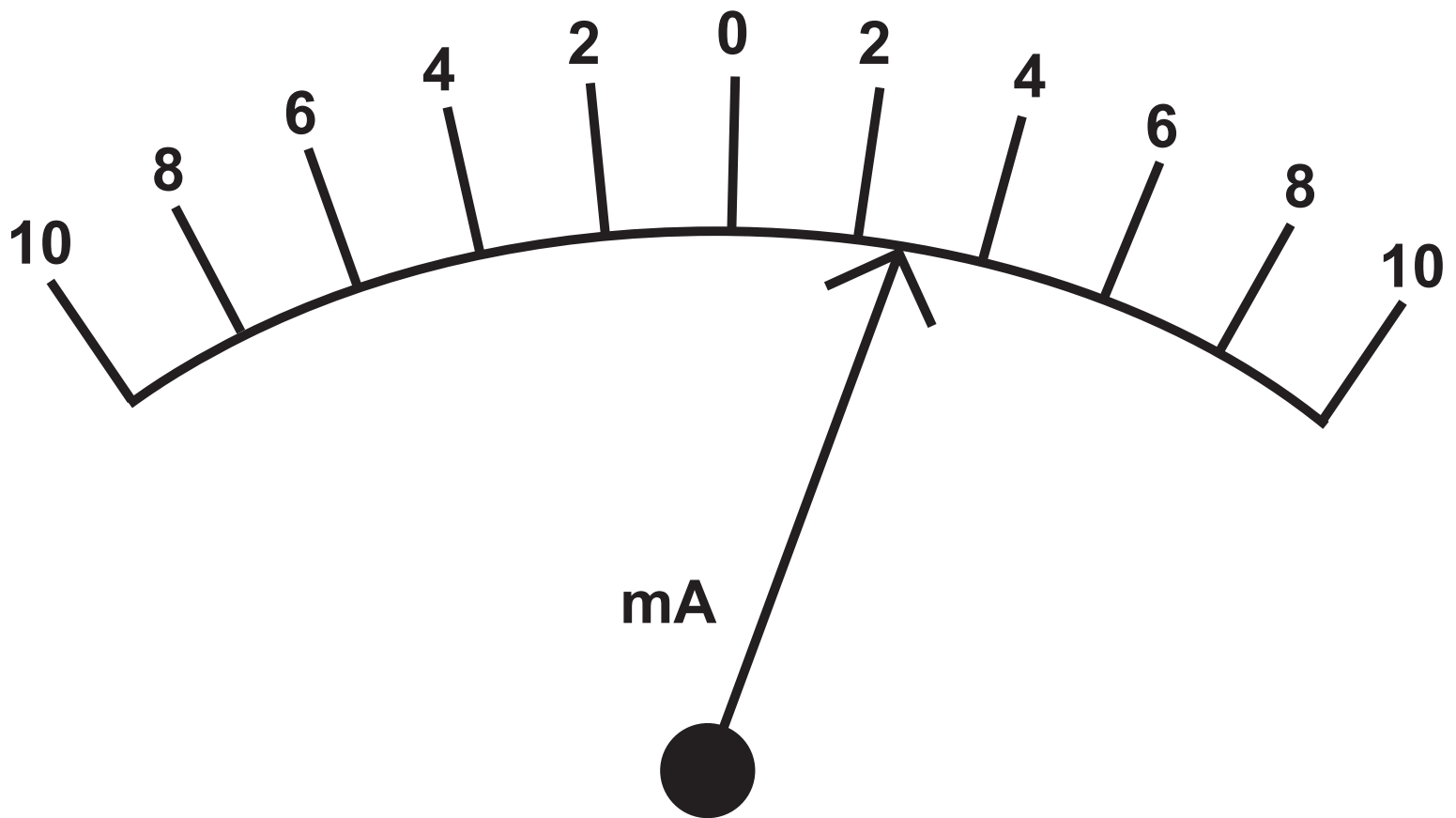
Question 11(b)

Range
in m



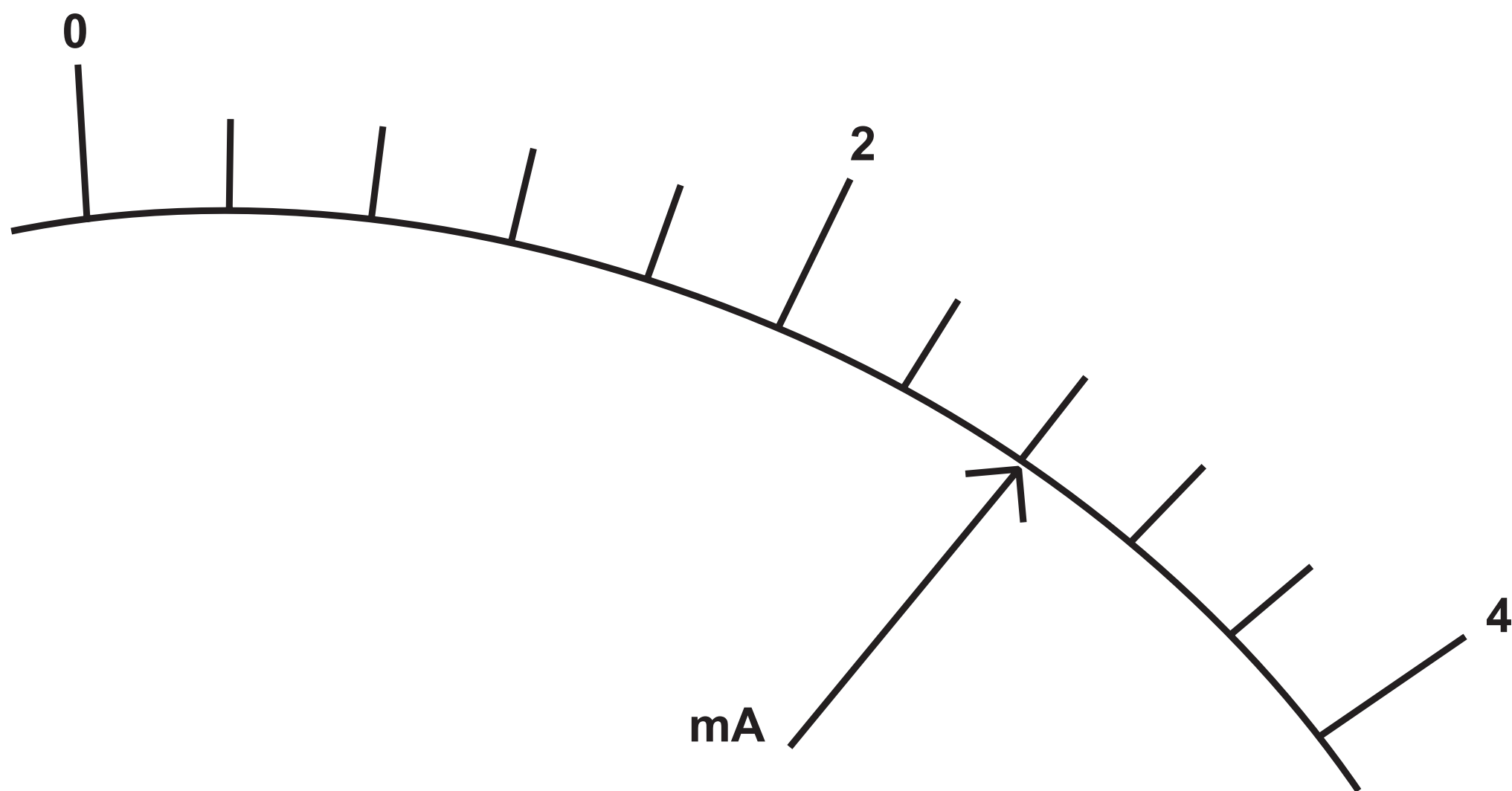
Question 12(a)

IMAGE 1a



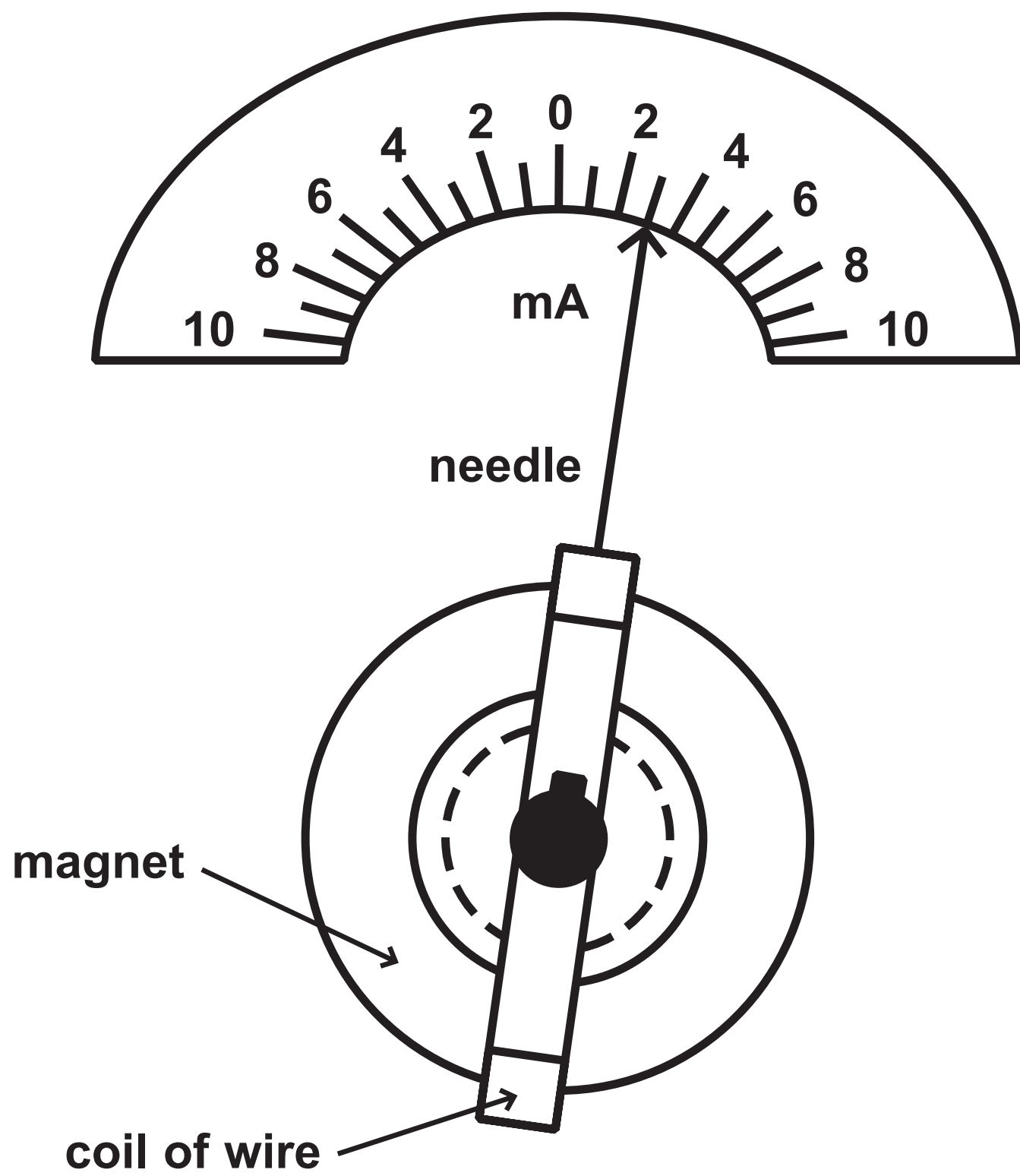
Question 12(a)

IMAGE 1b



Question 12(c)

IMAGE 2



Question 12(d)

IMAGE 3

