

Combined Science  
PAPER 3  
Higher Tier

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.**

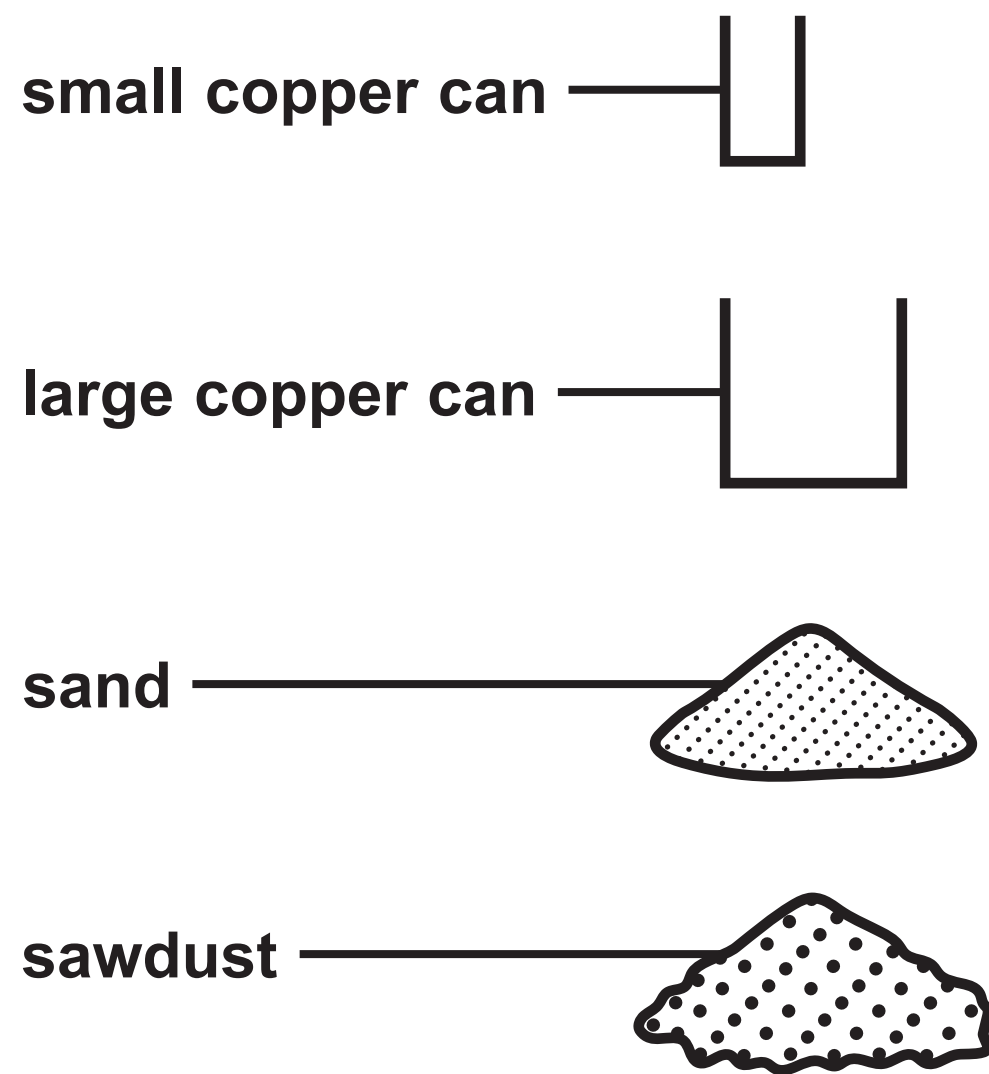
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## Question 1(b)

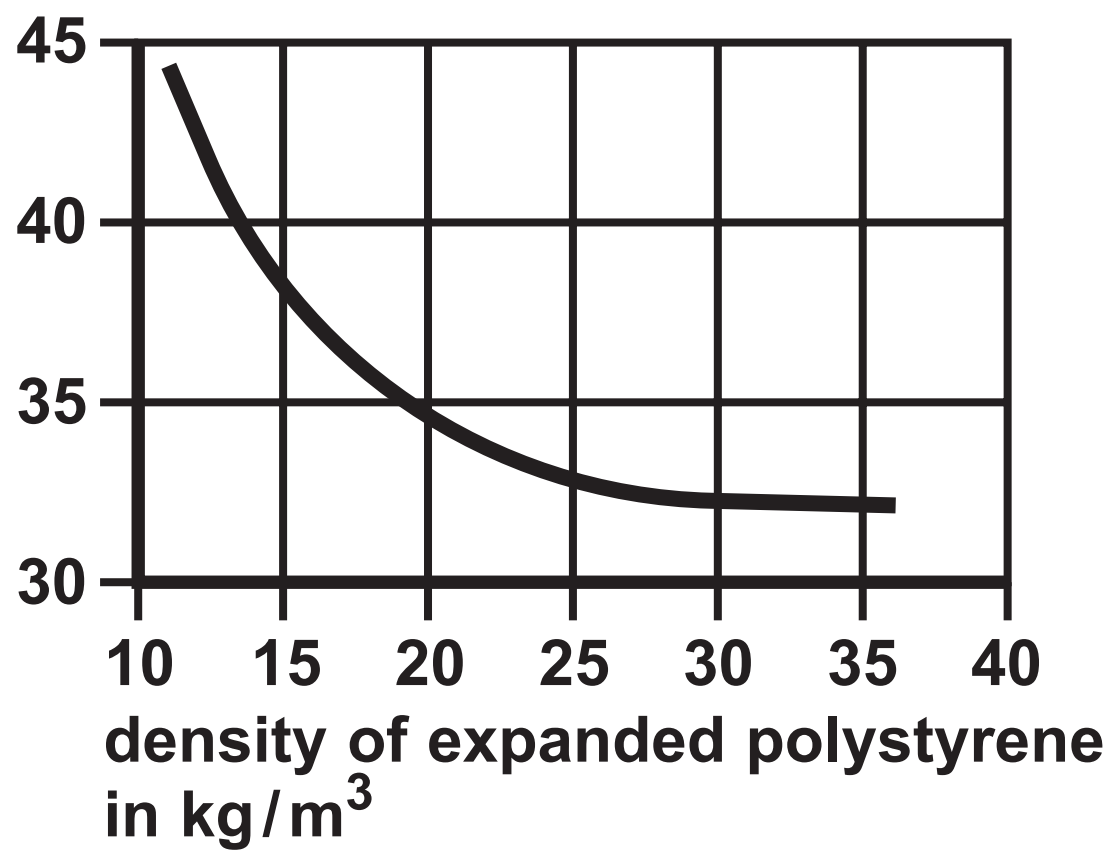
FIGURE 1



## Question 1(c)

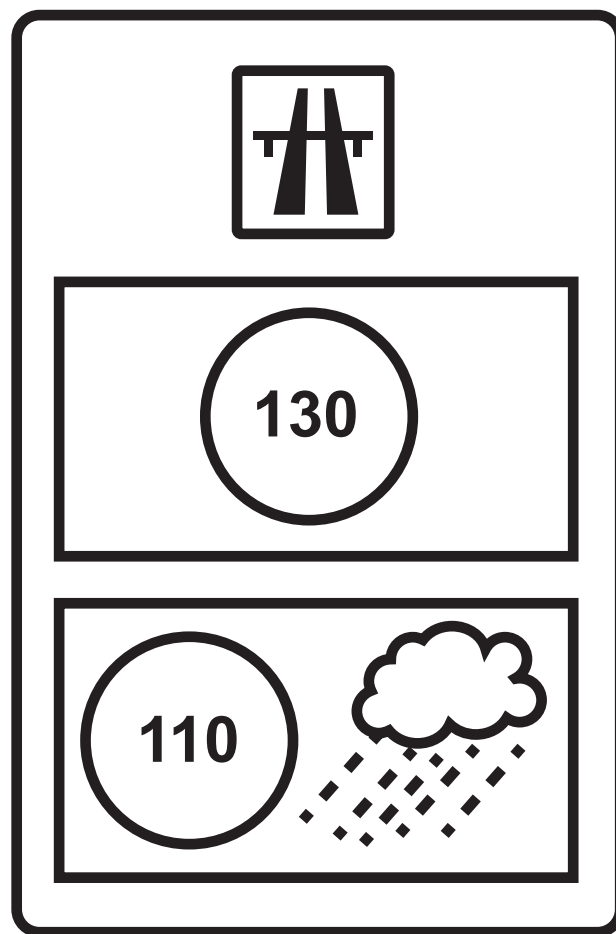
FIGURE 2

thermal conductivity of  
expanded polystyrene  
in mW/m.K



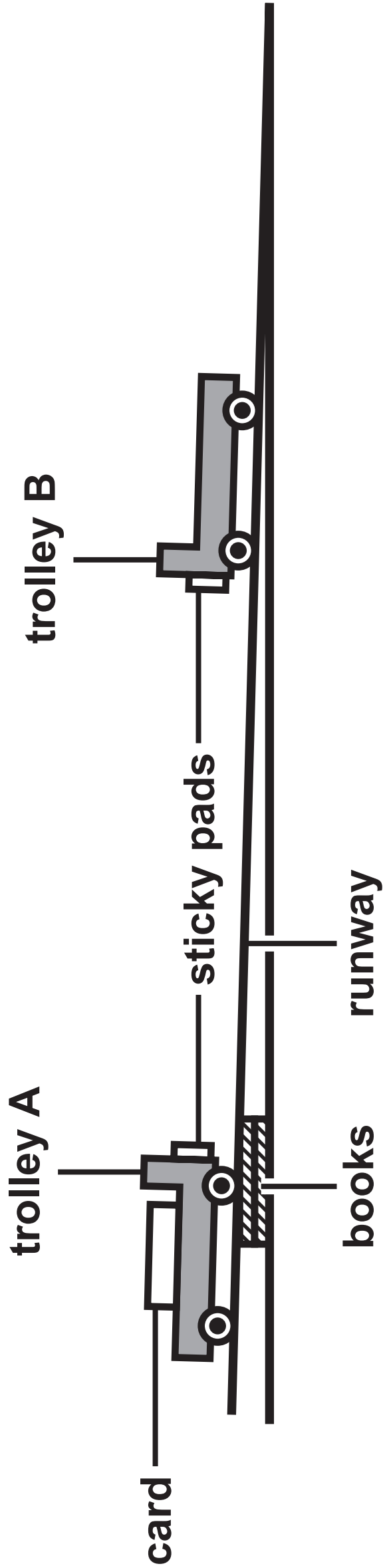
## Question 2(a)

FIGURE 3



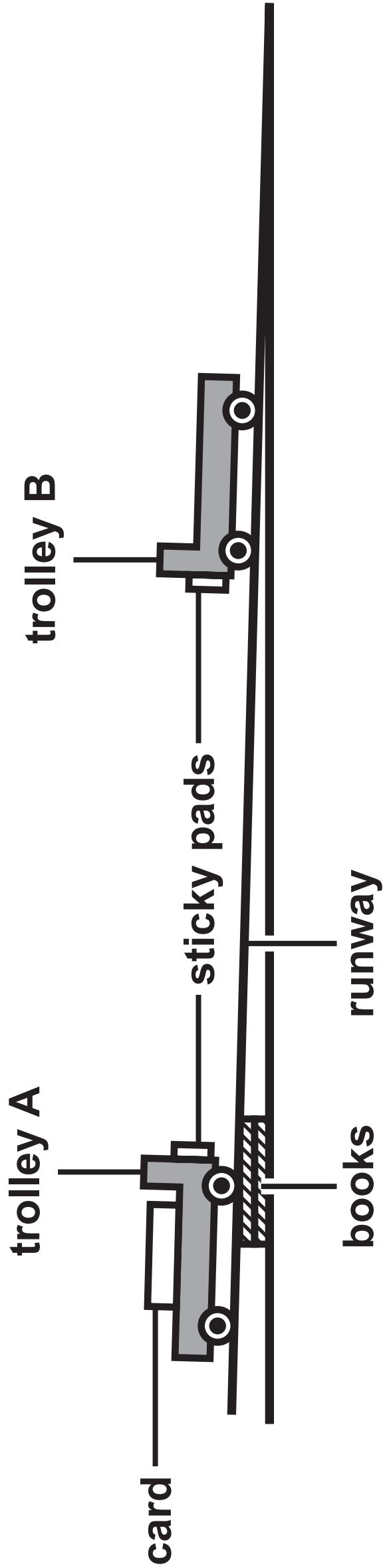
Question 4(b)

FIGURE 4



Question 4(b)

FIGURE 4





Question 4(c)

FIGURE 5

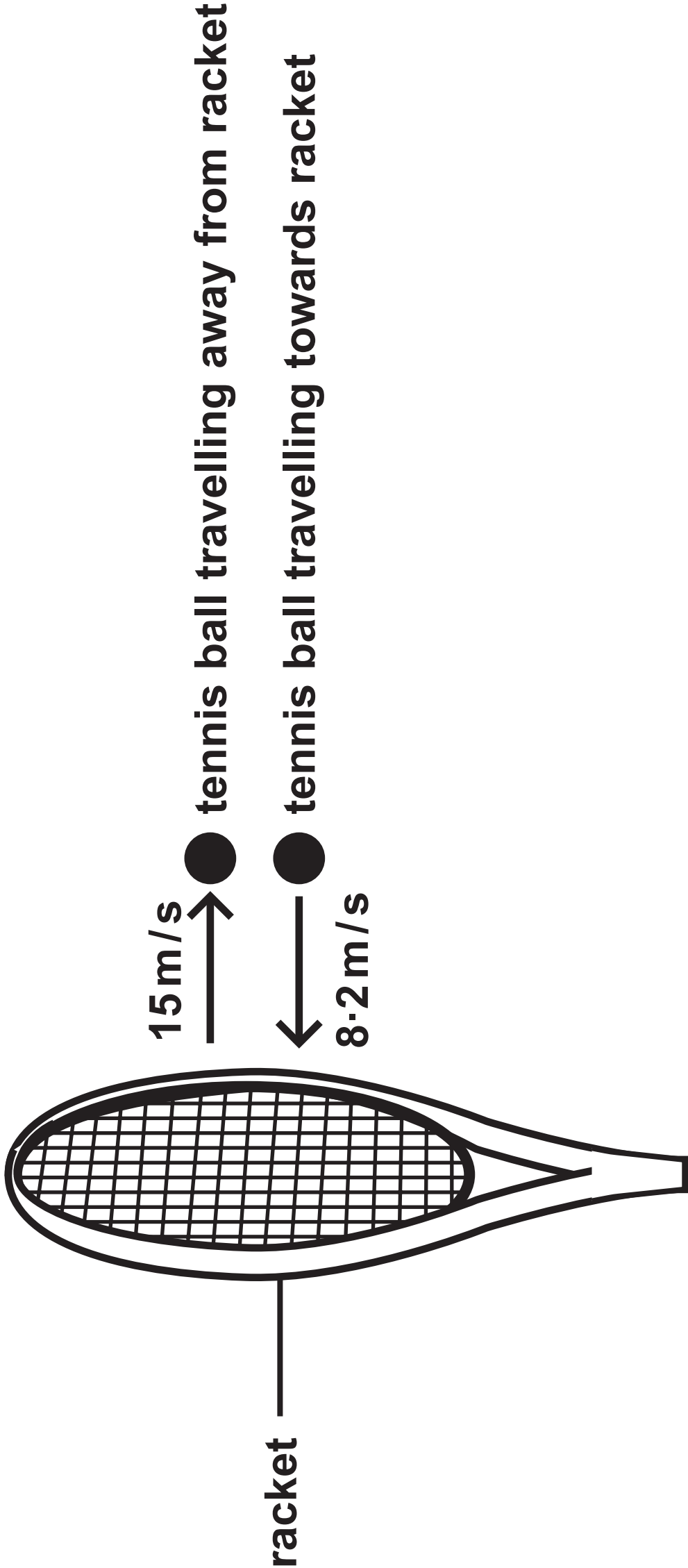
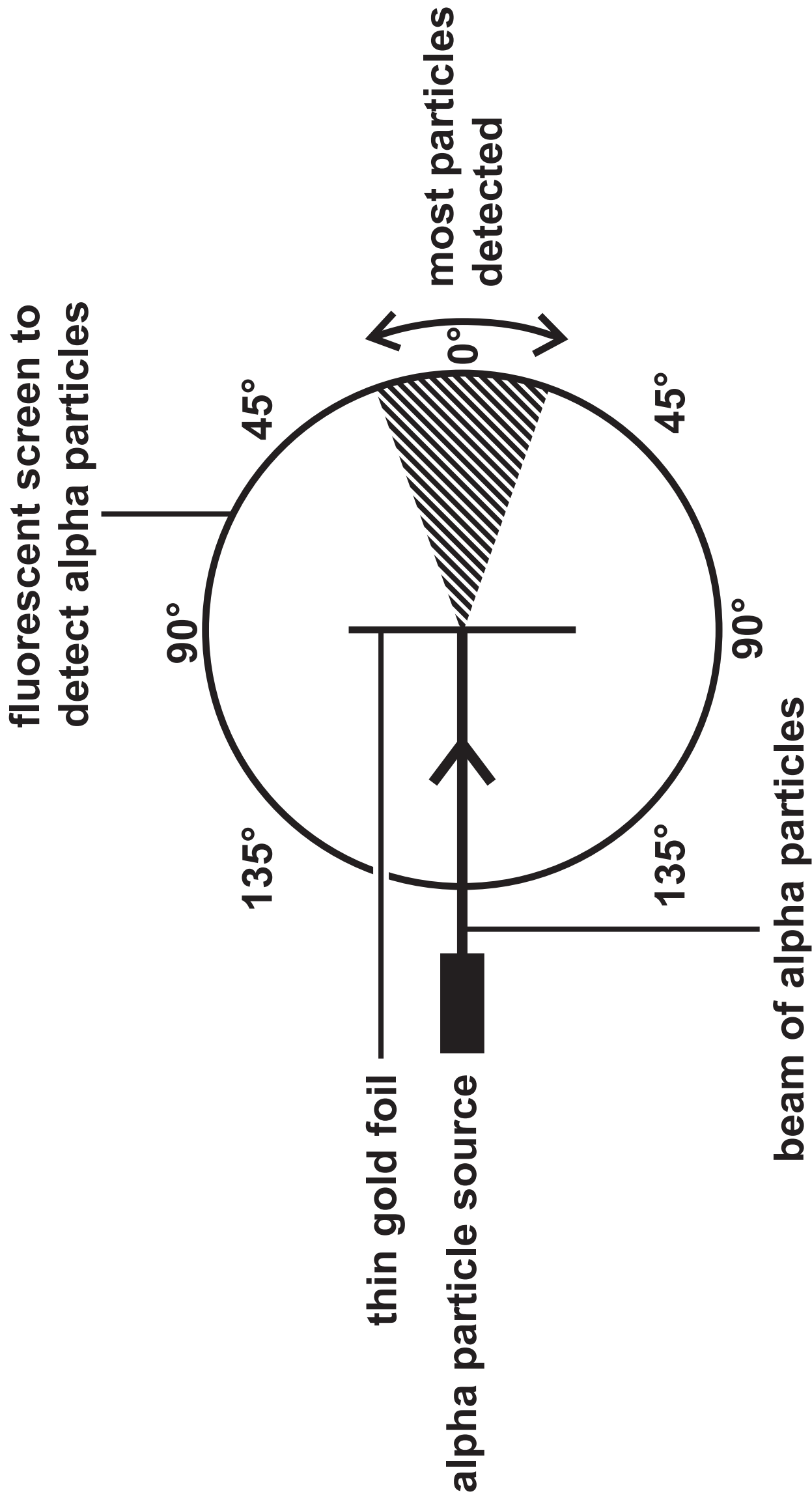


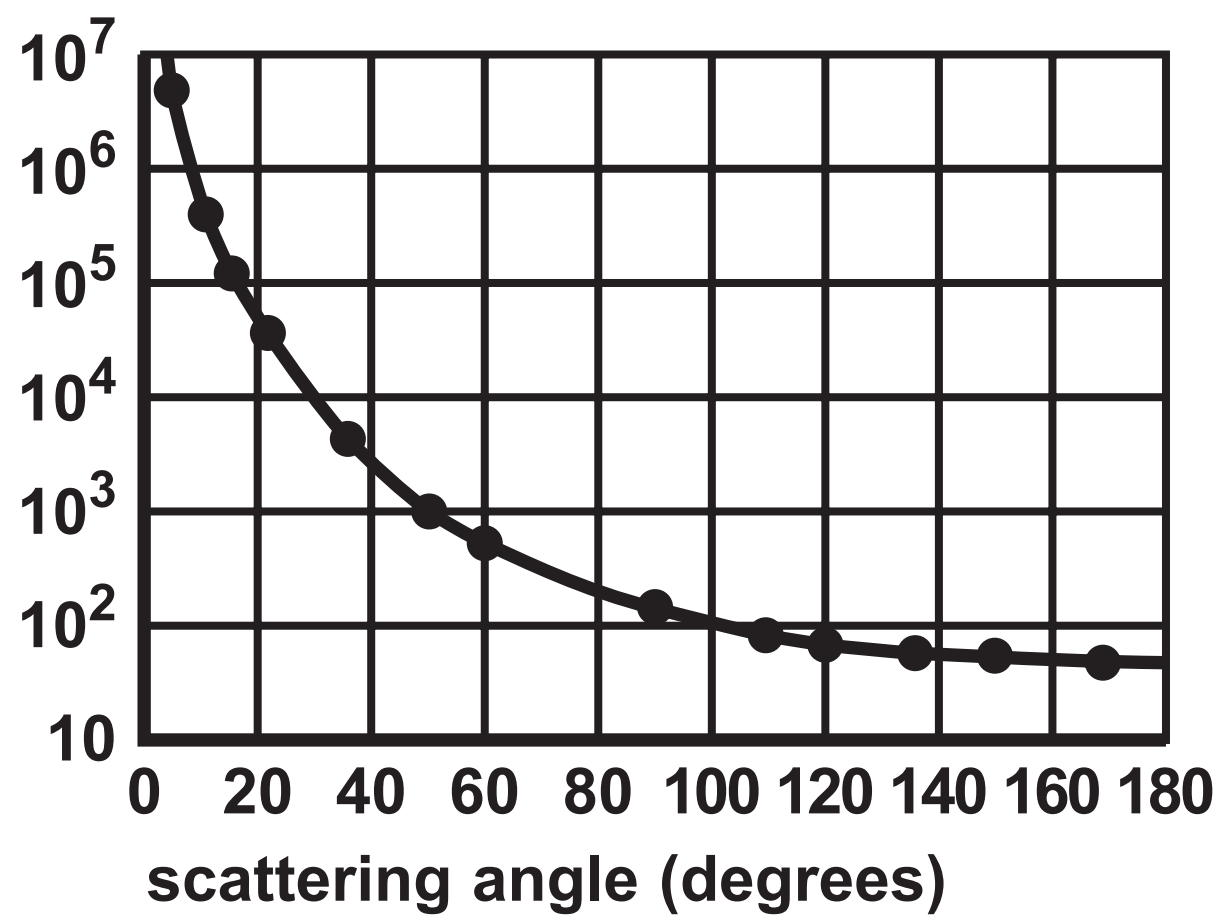
FIGURE 6



## Question 5(b)(i)

FIGURE 7

number of scattered  
particles detected



## Question 5(c)

FIGURE 8

