

Physics

Advanced

PAPER 2: Advanced Physics II

Monday 9 June 2025 – Morning

Time: 1 hour 45 minutes

Diagram Booklet

THIS DOCUMENT **MUST** BE RETURNED TO
PEARSON AT THE END OF THE EXAMINATION

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.

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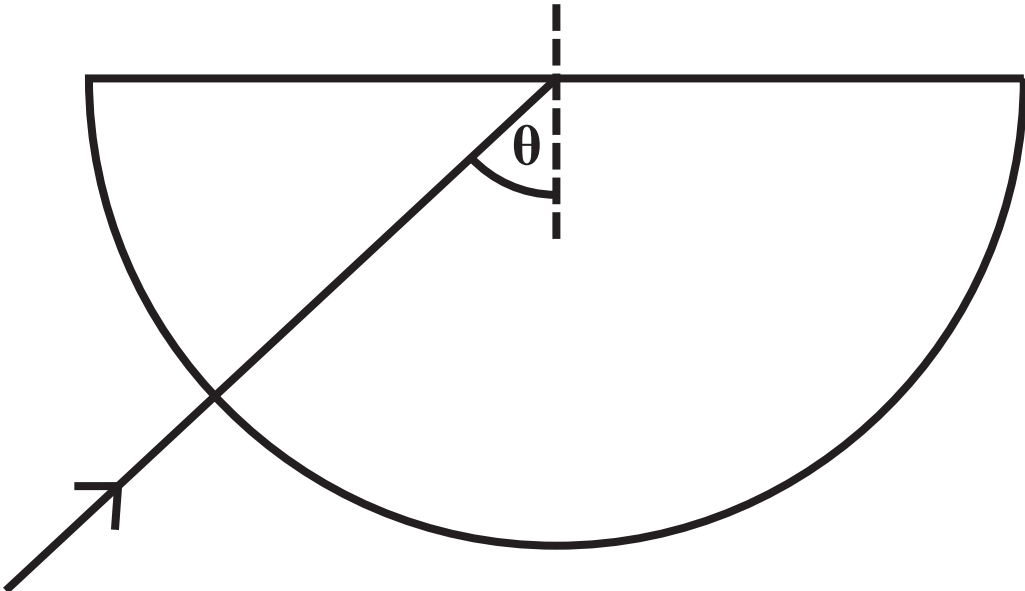
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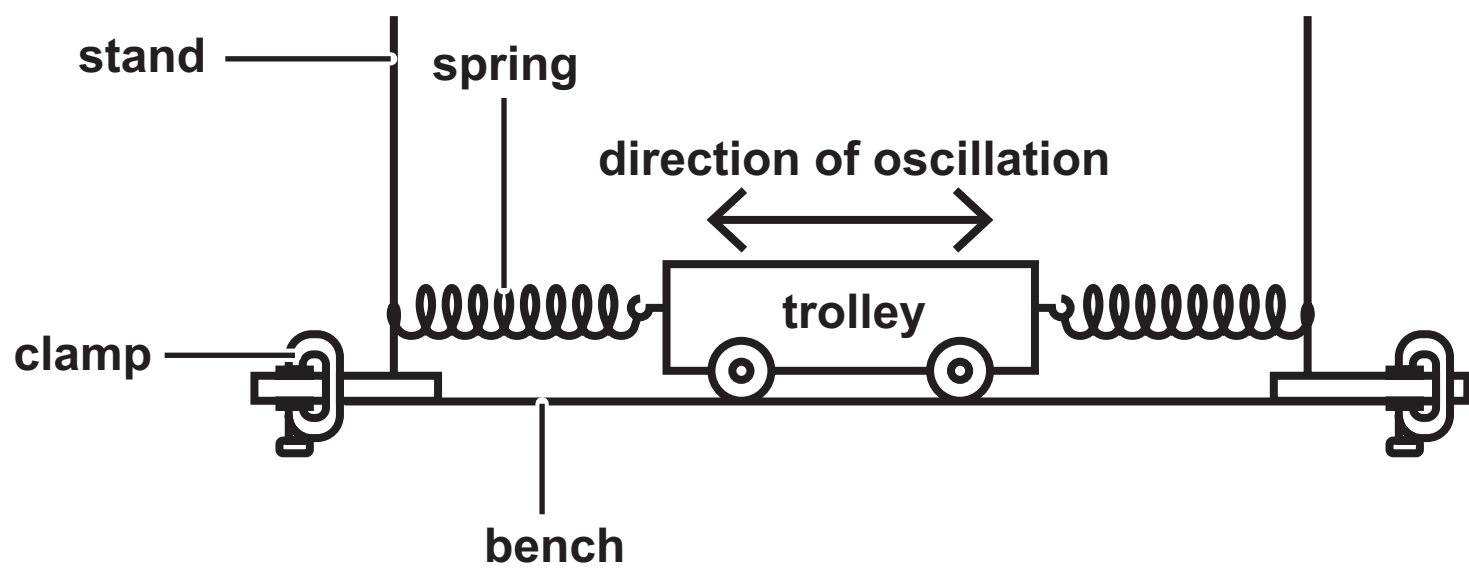
Spare Copies

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Question 3

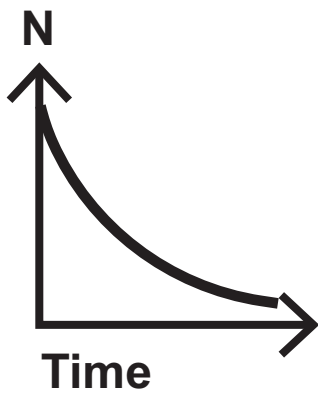


Question 6

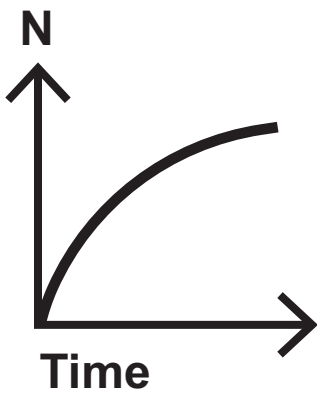


Question 8

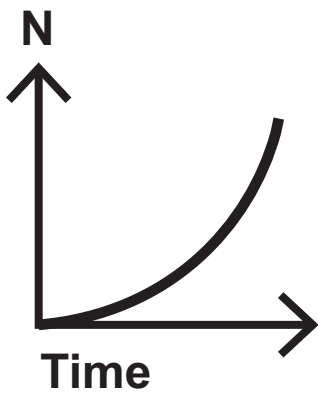
graph A



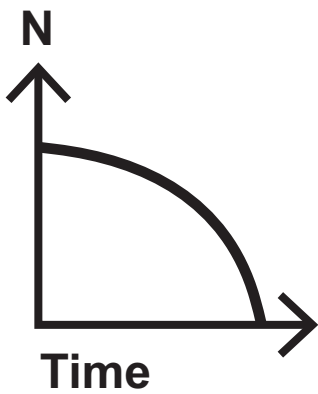
graph B



graph C



graph D

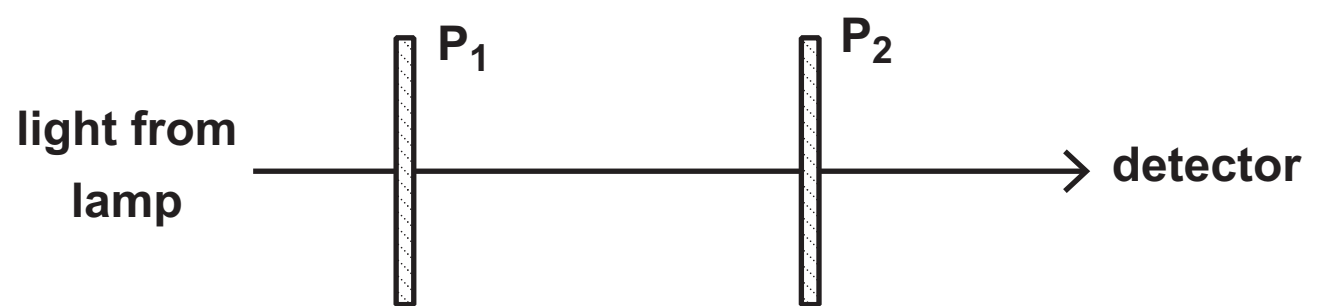


Question 9

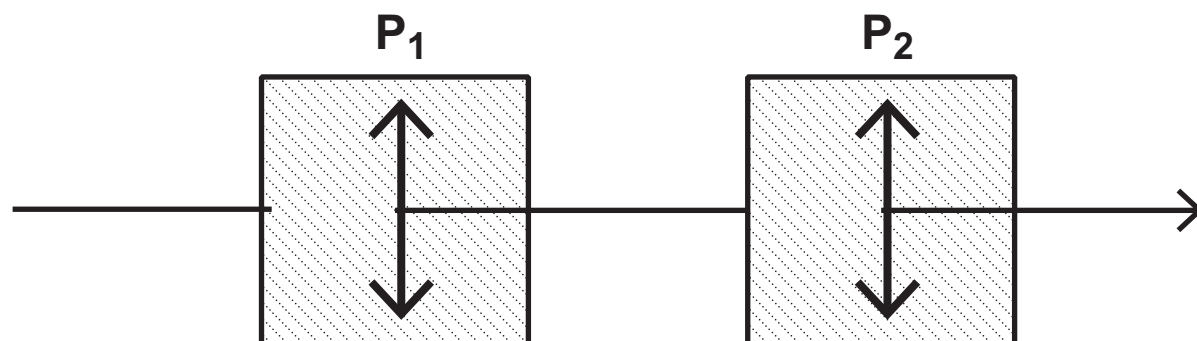
plane of polarisation



side view

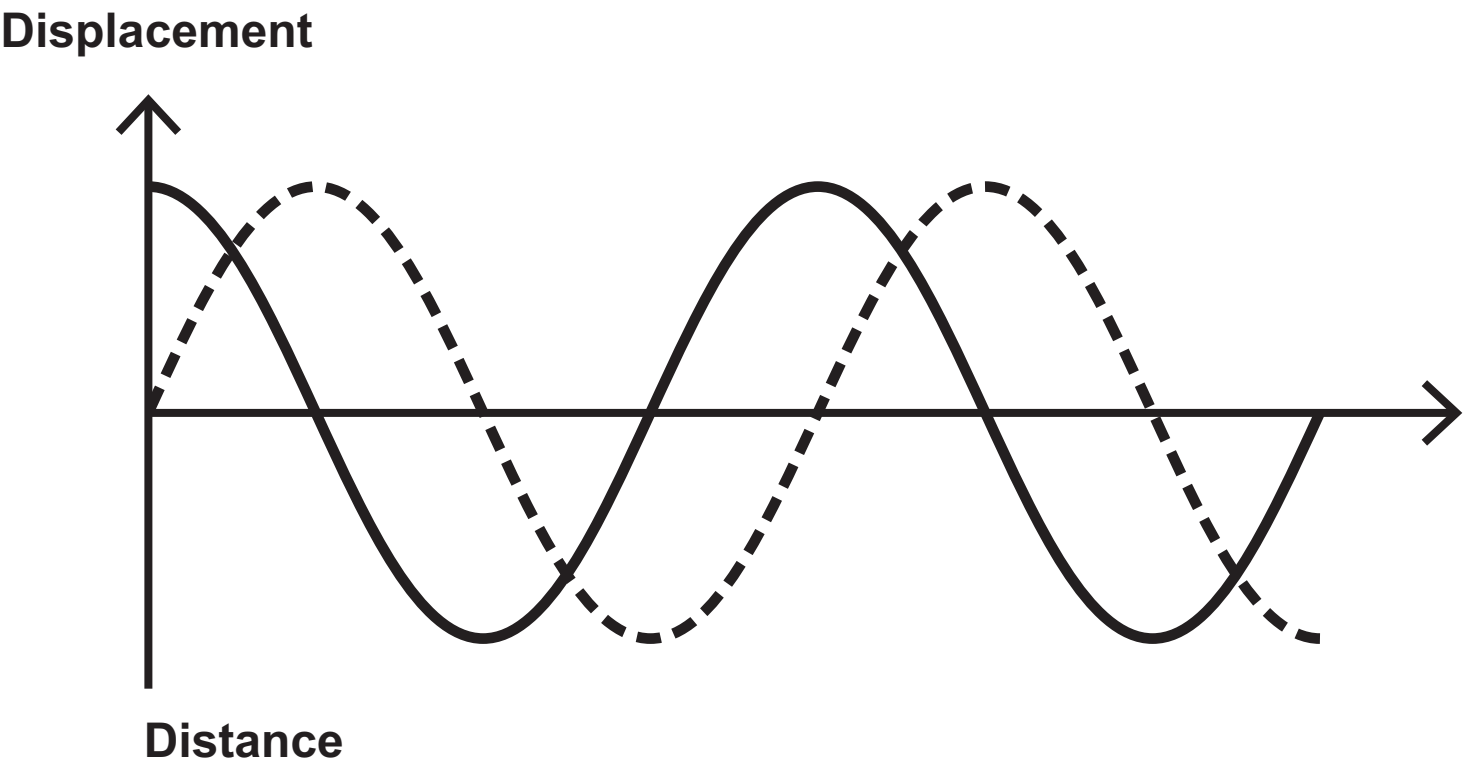


front view of the filters

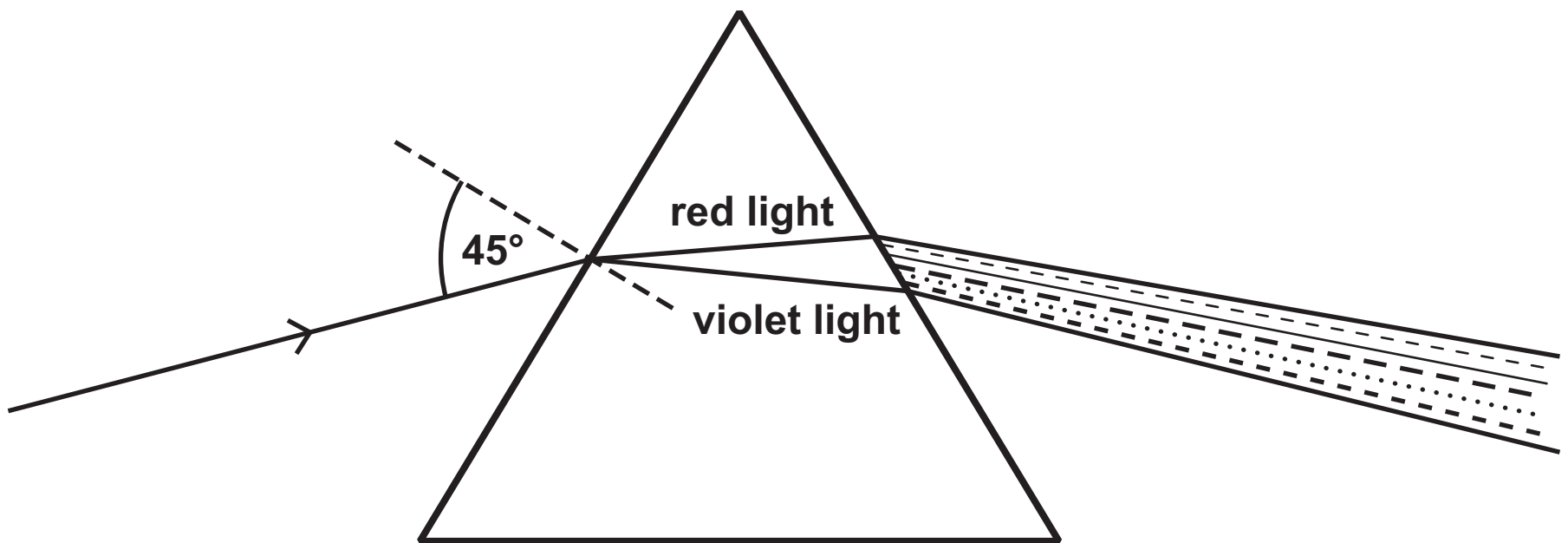


Question 10

KEY
X ———
Y - - - -



Question 12



Question 14

DIAGRAM 1

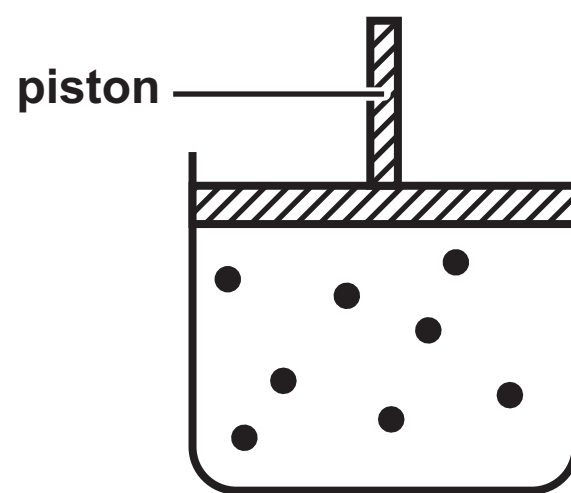
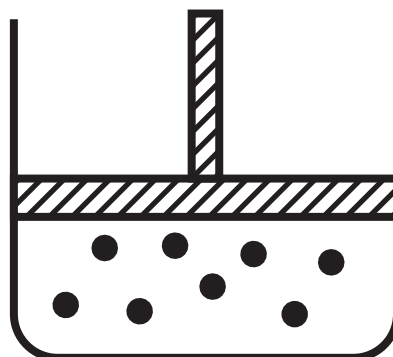
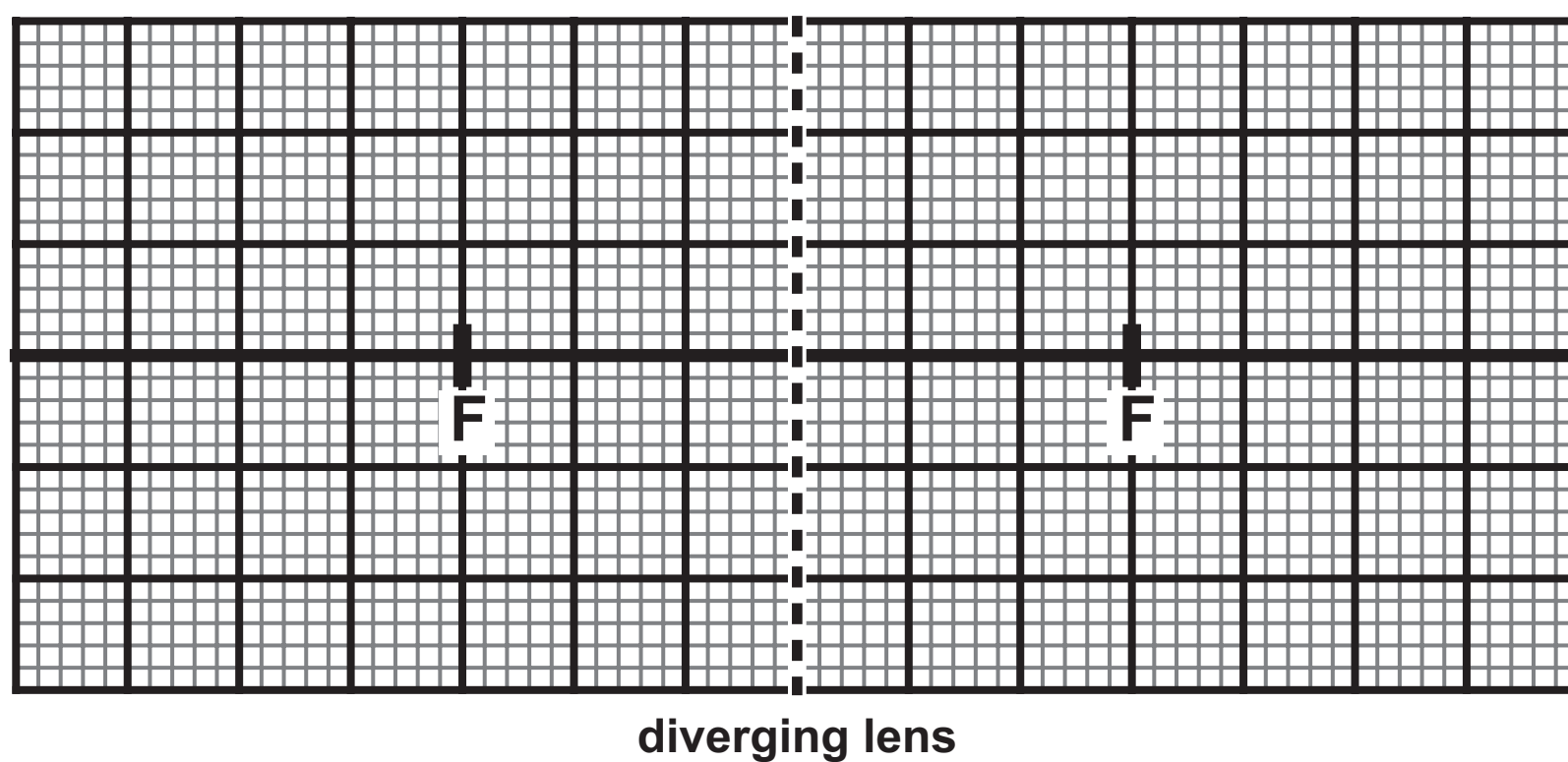


DIAGRAM 2



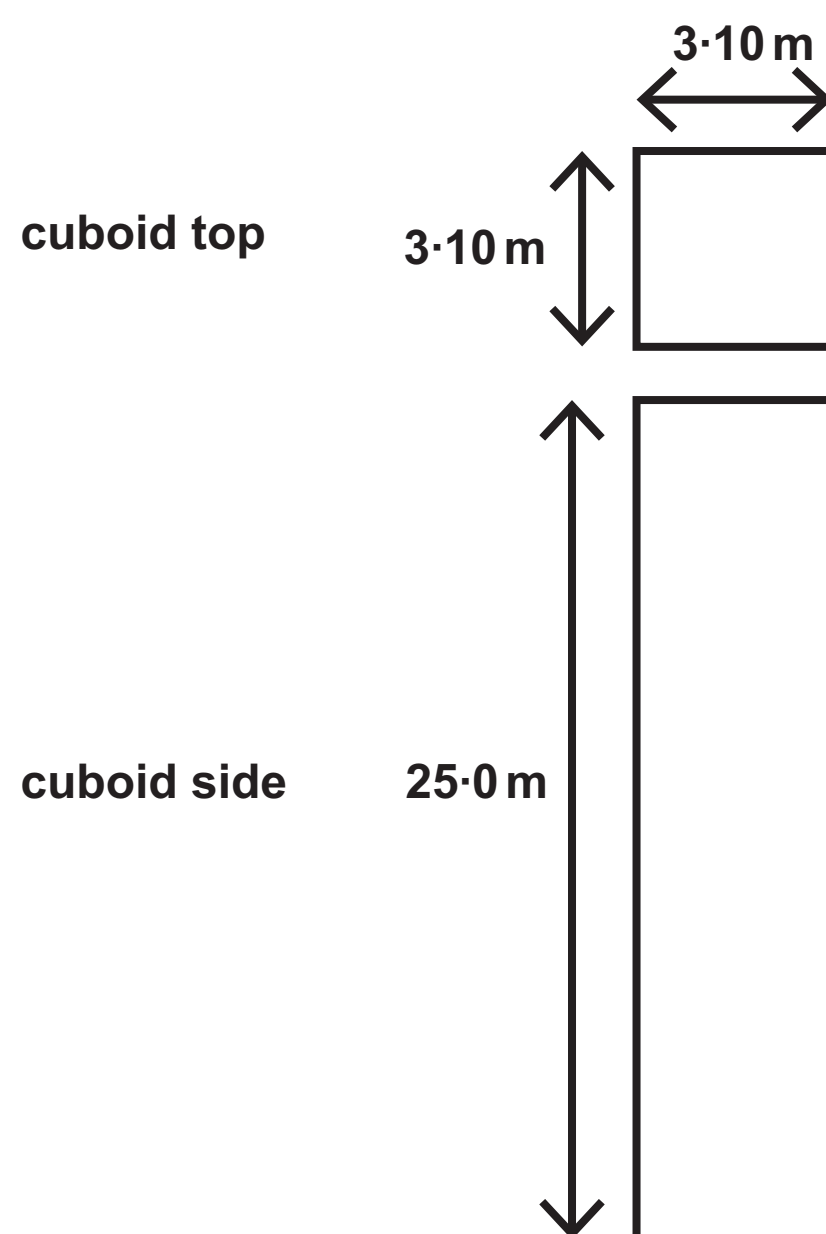
Question 16(c)

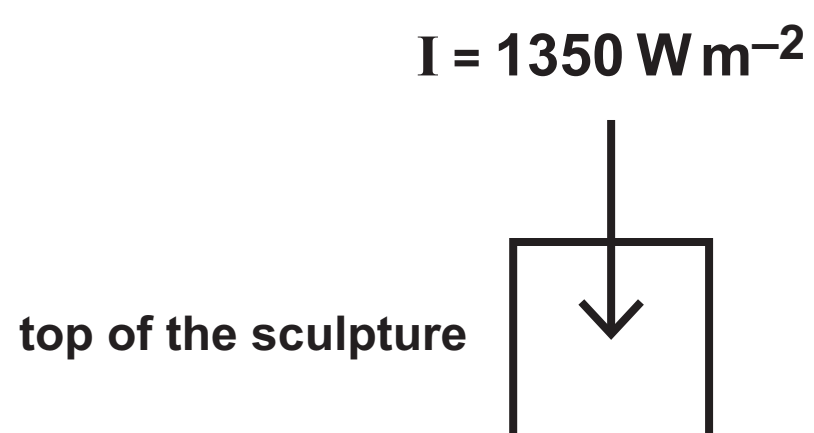


Question 19 – photograph



Question 19 – diagram

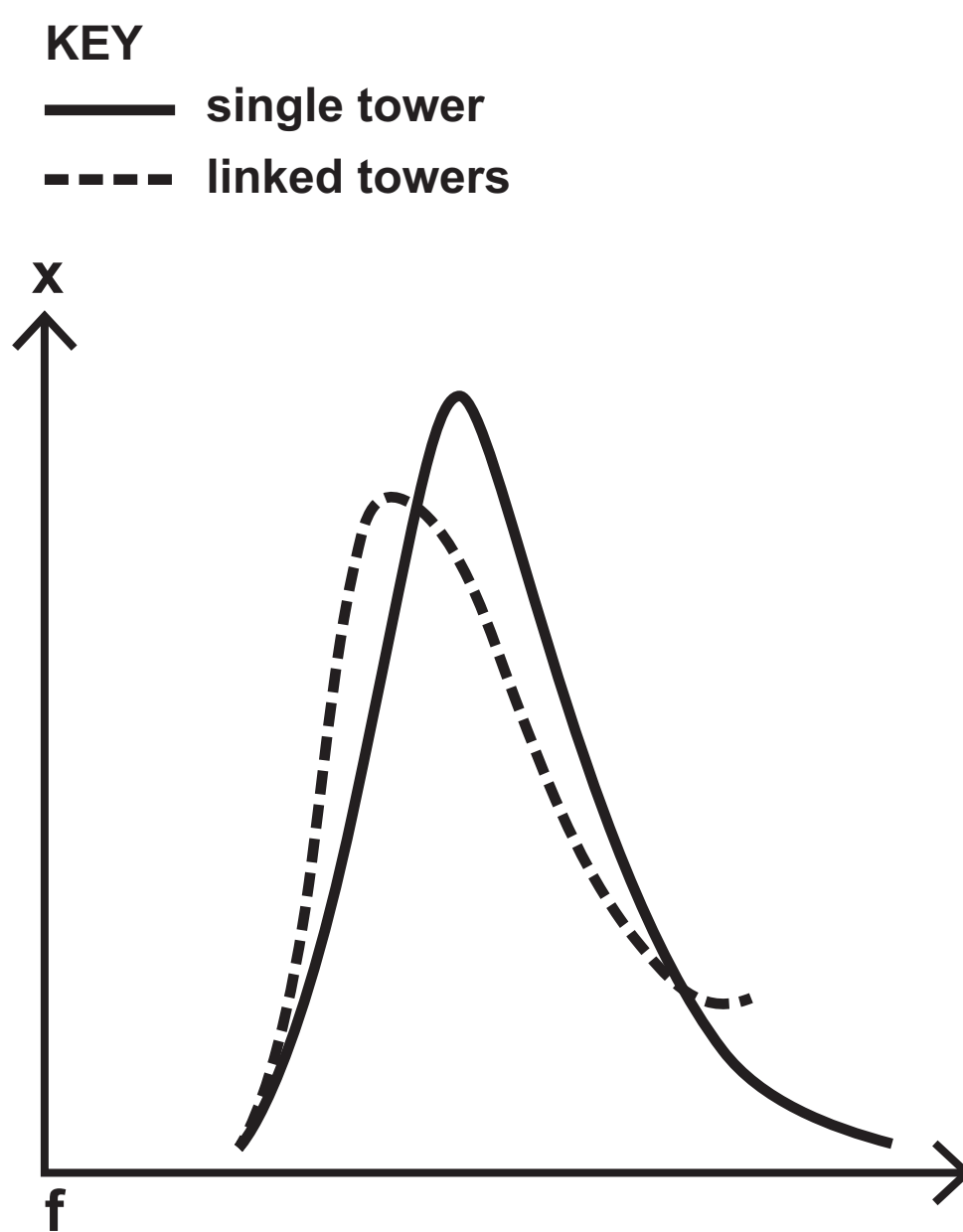


Question 19(b)(i)

Question 20

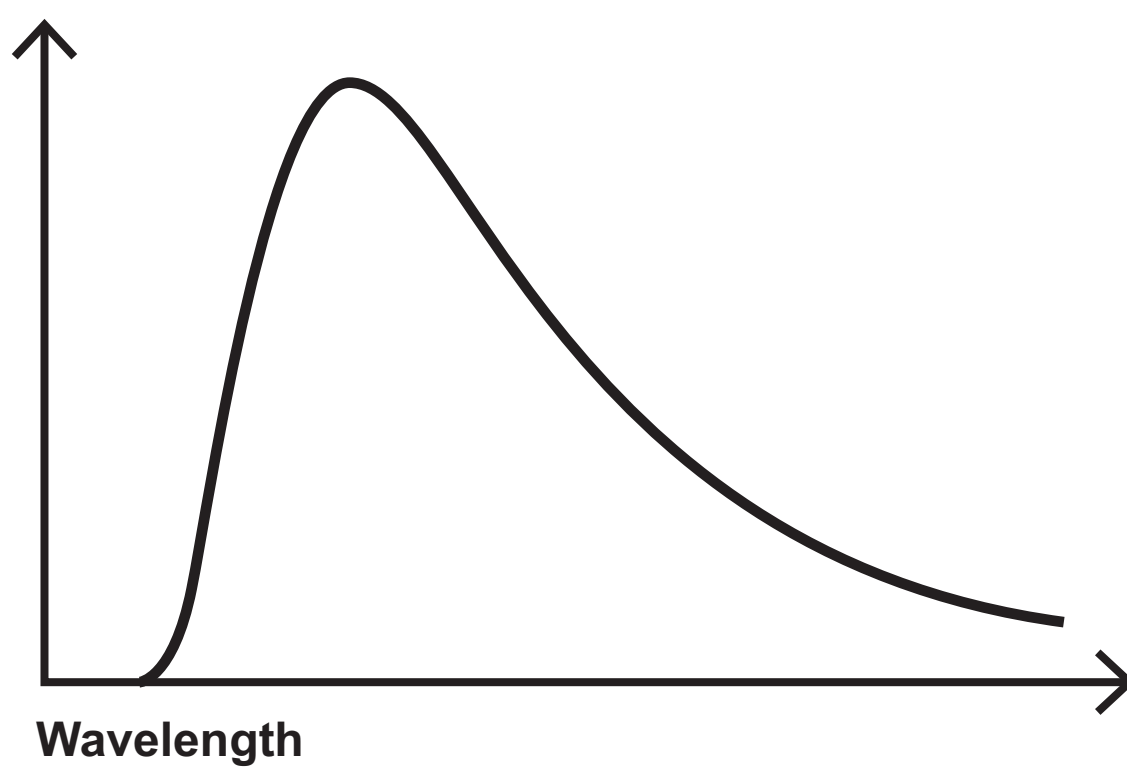


Question 20(b)(ii)

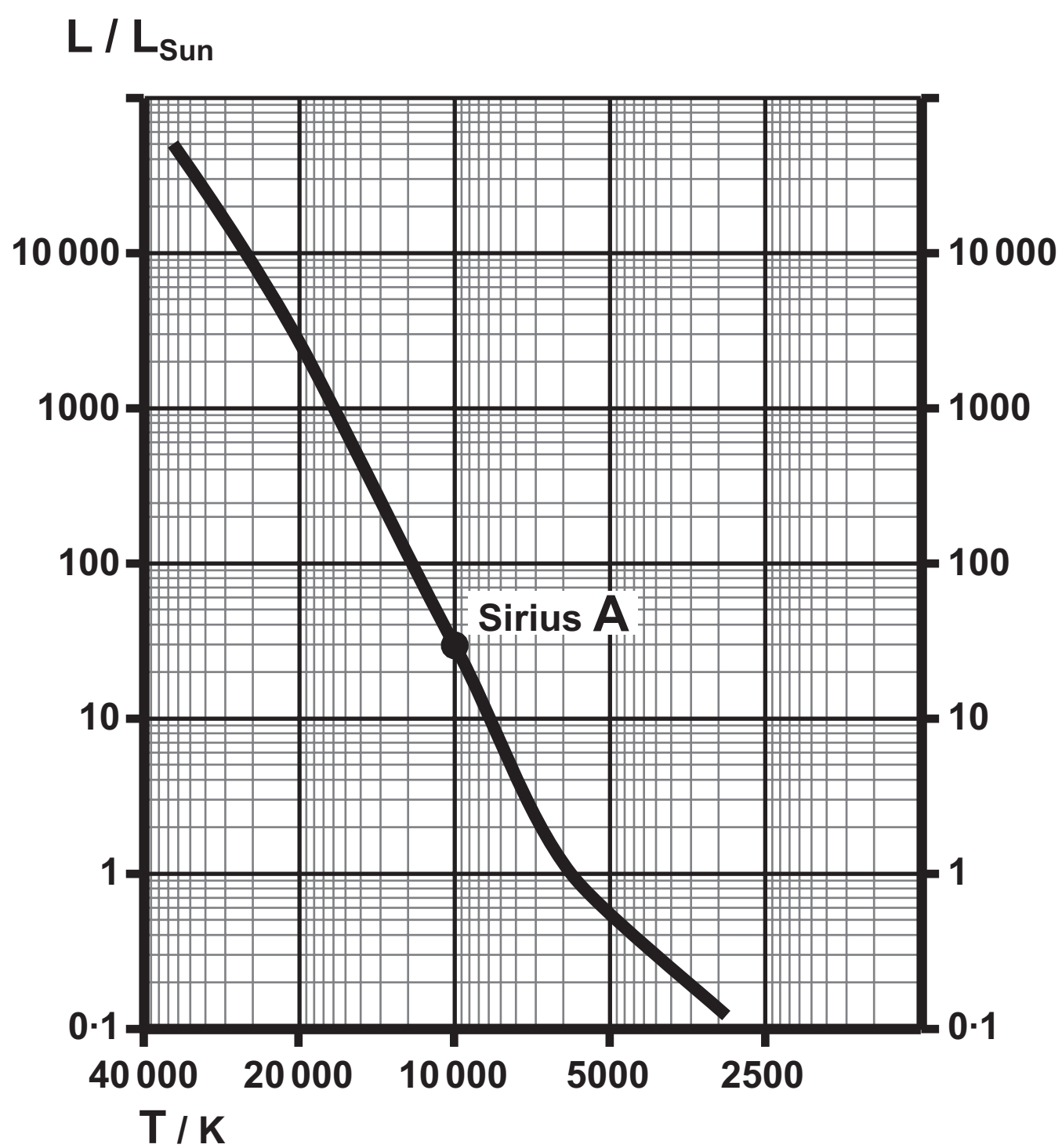


Question 21(b)

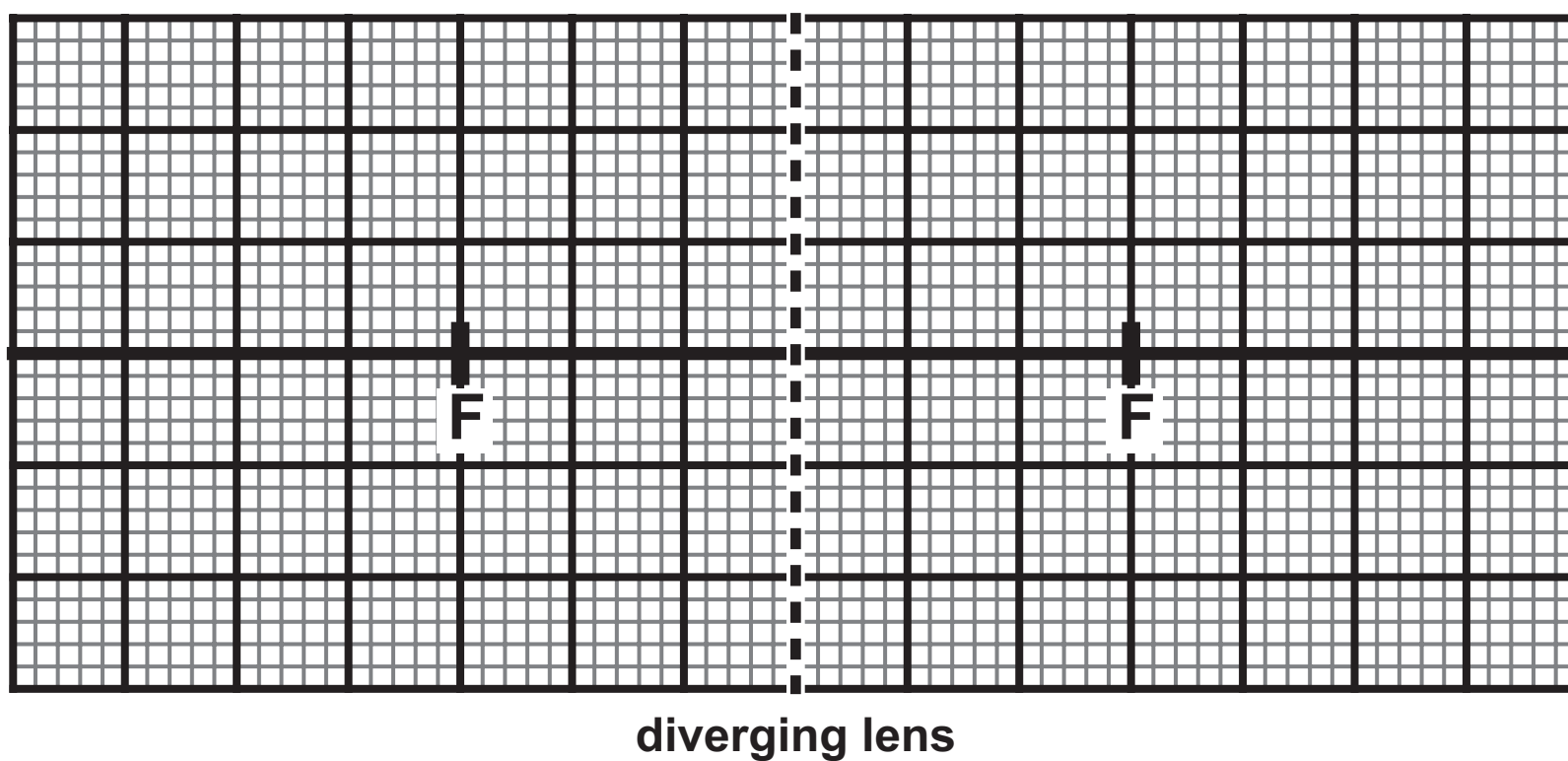
Rate at which energy
is radiated from Earth



Question 21(d)



Question 16(c) – spare copy



Source information

Question 19

Source: © Skye Hohmann / Alamy Stock Photo

Question 20

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